

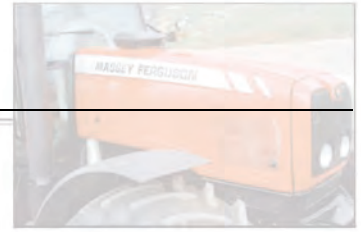
01 - Introduction - Specifications

CONTENTS

- 1A10 - Using the manual
- 1B10 - SPECIFICATIONS - General specifications
- 1B11 - SPECIFICATIONS - Ground speeds
- 1B12 - SPECIFICATIONS - Dimensions
- 1B13 - SPECIFICATIONS - Capacities
- 1C10 - Miscellaneous



Introduction - Specifications



6400



12 13

1A10- Using the manual

CONTENTS

A . General	3
B . Structure of the manual	3
C . Service tools	3
D . Repairs and replacements	3

A . General

The purpose of this manual is to assist Dealers and Agents in the efficient installation, maintenance and repair of AGCO equipment. Carrying out the procedures as detailed, together with the use of special tools where appropriate, will enable the operations to be completed within the time stated in the Repair Time Schedule.

B . Structure of the manual

Page numbering

The present manual is divided into chapters and sections, and each page is numbered with the following information:

Example: **10A12.1**

10 = Chapter

A12 = Section

1 = Page number within the section

The issue number is indicated at the bottom of the page.

Contents

For quick reference, each chapter starts with a table of contents, listing the various sections included in that chapter.

Meaning of references

(..) : identification of parts and components

Amendments

Amended pages will be issued carrying the same page number as the former pages: only the version number will change.

Former pages should be destroyed.

C . Service tools

Where the use of a service tool is necessary to carry out an operation, the tool reference is mentioned following the relevant instruction.

Drawings for locally made tools are given at the end of the relevant sections.

D . Repairs and replacements

When parts have to be replaced, it is essential that only genuine AGCO parts are used.

The following points are of particular importance when carrying out repairs and fitting replacement parts and accessories.

Tractor safety features may be impaired if non-genuine parts are fitted.

Legislation in certain countries prohibits the fitting of parts that do not comply with the tractor manufacturer's specifications. Torque wrench setting figures given in the Workshop Service Manual must be strictly adhered to. Locking devices must be fitted where specified. If the efficiency of a locking device is impaired during removal, it must be replaced.

The tractor warranty may be invalidated if non-genuine AGCO parts are fitted. All AGCO spare parts have the full backing of the manufacturer's warranty. AGCO Dealers and Agents are required to supply only genuine service parts.

1B10- SPECIFICATIONS - General specifications

CONTENTS

A . Model 6445	3
B . Model 6455	6
C . Model 6460	9
D . Model 6465	12
E . Model 6470	15
F . Model 6475	18
G . Model 6480	21
H . Model 6485	24
I . Model 6490	26
J . Model 6495	28
K . Model 6497	30
L . Model 6499	32

SPECIFICATIONS - General specifications

SPECIFICATIONS - General specifications

A . Model 6445

Dynashift

Engine	
Power at 2200 rpm, ISO hp (kW)	90 (67)
Brand	PERKINS
Type	1104C-44T
Number of cylinders/displacement	4 / 4.4 Turbo
Injection pump	Lucas DP 210
Fan	Viscostatic
Intercooler	-
Alternator	80 A
Gearbox	
Gearbox model	GBA20 (4x4)
Clutch/shuttle	Power Shuttle
Type	Dynashift
AutoDrive	optional
Creep unit 4/1	optional
Creep unit 14/1	optional
Rear axle	
Axle model	GPA20
Final drives	HD
Axle shaft Ø	76 mm
Straight shaft	-
Flanged shaft	standard
Brake discs per trumpet housing	1
Hand brake discs	3
Differential lock	Dog clutch
Linkage	
Stabilisers	telescopic
Multi-hole drawbar	optional
3-point linkage	Cat. 2, hook or ball type (*)
Clevis hitch	Fast-setting or pin-adjusting scale
Automatic clevis hitch	Fast-setting or pin-adjusting scale
Semi-mounted trailer hitch	Stud or auto-hitch (*)
Swinging drawbar	standard
Roller type swinging drawbar	optional
Power take-off	
Type	Interchangeable / shiftable shaft
540/1000/eco	optional (*)
540/750/1000	-
750/1000	optional (*)
Number of clutch discs	4
PTO brake	hydraulic
Proportional PTO	optional
Automated PTO	optional
Front power take-off	optional

Front axle	
Model	AG 85
Type	fixed or suspended (optional)
Rotational direction	Clockwise
Number of clutch discs	4
Swivelling mudguard (4WD)	optional
2-wheel drive	optional
Front linkage (optional)	2.5 T
Hydraulics	
Open Centre 57 l/min	optional
TFLS 100 l/min	optional
Closed Centre 110 l/min	optional
Closed Centre 150 l/min	-
Orbitrol steering	125 cc
Brake master cylinder	standard
Braking assistance	optional
Trailer brake	optional (*)
Auxiliary spool valves (maximum number)	4 electrohydraulic (2 SMS) or 4 mechanical
Couplers	Decompression
Electronics	
Transmission control	AUTOTRONIC 3
Instrument panel	DCC2
Linkage controller	EHRC
Draft sensors	2
Sensor capacity	4 T (standard) or 6 T (optional)
Datatron	optional
Dual control (front and rear)	optional
TIC with/without draft sensor	optional
Fieldstar	optional
Cab	
Suspension	optional
Rear-view mirrors	manual (standard) or electric (optional)
Air conditioning	manual (standard) or automatic (optional)
Standard bonnet	Fixed
Bonnet option	Hinged
Standard roof	standard
High-visibility roof	optional
Sloping bonnet	optional
Platform	-
Reference (*): according to country	

SPECIFICATIONS - General specifications

Dyna-6 Tier 2

Engine	
Power at 2200 rpm, ISO hp (kW)	90 (67)
Brand	PERKINS
Type	1104C-44T
Number of cylinders/displacement	4 / 4.4 Turbo
Injection pump	Lucas DP 210
Fan	Viscstatic
Intercooler	-
Alternator	80 A
Gearbox	
Gearbox model	GBA25 (6x4)
Clutch/shuttle	Power Shuttle
Type	Dyna-6
AutoDrive	optional
Creeper unit 4/1	optional
Creeper unit 14/1	optional
Rear axle	
Axle model	GPA20
Final drives	HD
Axle shaft Ø	76 mm
Straight shaft	-
Flanged shaft	standard
Brake discs per trumpet housing	1
Hand brake discs	3
Differential lock	Dog clutch
Linkage	
Stabilisers	telescopic
Multi-hole drawbar	optional
3-point linkage	Cat. 2, hook or ball type (*)
Clevis hitch	Fast-setting or pin-adjusting scale
Automatic clevis hitch	Fast-setting or pin-adjusting scale
Semi-mounted trailer hitch	Stud or auto-hitch (*)
Swinging drawbar	standard
Roller type swinging drawbar	optional
Power take-off	
Type	Interchangeable / shifttable shaft
540/1000/eco	optional (*)
540/750/1000	-
750/1000	optional (*)
Number of clutch discs	4
PTO brake	hydraulic
Proportional PTO	optional
Automated PTO	optional
Front power take-off	optional
Front axle	
Model	AG 85
Type	fixed or suspended (optional)

Rotational direction	Clockwise
Number of clutch discs	4
Swivelling mudguard (4WD)	optional
2-wheel drive	optional
Front linkage (optional)	2.5 T
Hydraulics	
Open Centre 57 l/min	optional
TFLS 100 l/min	optional
Closed Centre 110 l/min	optional
Closed Centre 150 l/min	-
Orbitrol steering	125 cc
Brake master cylinder	standard
Braking assistance	optional
Trailer brake	optional (*)
Auxiliary spool valves (maximum number)	4 electrohydraulic (2 SMS) or 4 mechanical
Couplers	Decompression
Electronics	
Transmission control	two AUTOTRONIC 5
Instrument panel	DCC2
Linkage controller	AUTO 5
Draft sensors	2
Sensor capacity	4 T (standard) or 6 T (optional)
Datatronic	optional
Dual control (front and rear)	optional
TIC with/without draft sensor	optional
Fieldstar	optional
Cab	
Suspension	optional
Rear-view mirrors	manual (standard) or electric (optional)
Air conditioning	manual (standard) or automatic (optional)
Standard bonnet	Fixed
Bonnet option	Hinged
Standard roof	standard
High-visibility roof	optional
Sloping bonnet	optional
Platform	-
Reference (*): according to country	

SPECIFICATIONS - General specifications

Dyna-6 Tier 3

Engine	
Power at 2200 rpm, ISO hp (kW)	100 (74)
Brand	PERKINS EEM
Type	1104D-E44TA
Number of cylinders/displacement	4 / 4.4 Turbo
Injection pump	SF 200
Fan	Viscostatic or Vistronic
Intercooler	Air / air
Gearbox	
Gearbox model	GBA 25
Clutch/shuttle	Power Shuttle
Type	Dyna-6
AutoDrive	optional
Creeper unit 4/1	optional
Creeper unit 14/1	optional
Rear axle	
Axle model	GPA20
Final drives	HD
Axle shaft Ø	78 mm
Straight shaft	-
Flanged shaft	standard
Brake discs per trumpet housing	1
Hand brake discs	1
Differential lock	Hydraulic clutch
Linkage	
Stabilisers	telescopic
Multi-hole drawbar	optional
3-point linkage	Cat. 2, hook or ball type (*)
Clevis hitch	Fast-setting or pin-adjusting scale
Automatic clevis hitch	Fast-setting or pin-adjusting scale
Semi-mounted trailer hitch	Stud or auto-hitch (*)
Swinging drawbar	standard
Roller type swinging drawbar	optional
Power take-off	
Type	Interchangeable / shiftable shaft
540/1000/eco	optional (*)
540/750/1000	-
750/1000	optional (*)
Number of clutch discs	-
PTO brake	hydraulic
Proportional PTO	optional
Automated PTO	optional
Front power take-off	optional
Front axle	
Model	DANA 730 / 735
Type	fixed or suspended (optional)
Rotational direction	anti-clockwise

Number of clutch discs	-
Swivelling mudguard (4WD)	optional
2-wheel drive	optional
Front linkage (optional)	-
Hydraulics	
Open Centre 57 l/min	optional
TFLS 100 l/min	-
Closed Centre 110 l/min	optional
Closed Centre 150 l/min	-
Orbital steering	125 cc
Brake master cylinder	standard
Braking assistance	optional
Trailer brake	optional (*)
Auxiliary spool valves (maximum number)	4 electrohydraulic (2 SMS) or 4 mechanical
Couplers	Decompression
Electronics	
Transmission control	two AUTOTRONIC 5
Instrument panel	DCC2
Linkage controller	AUTO 5
Draft sensors	-
Sensor capacity	-
Datatronic	-
Dual control (front and rear)	-
TIC with/without draft sensor	-
Fieldstar	-
Cab	
Suspension	optional
Rear-view mirrors	manual (standard) or electric (optional)
Air conditioning	manual (standard) or automatic (optional)
Standard bonnet	Fixed
Bonnet option	Hinged
Standard roof	standard
High-visibility roof	optional
Sloping bonnet	optional
Platform	-
Reference (*): according to country	
Gearbox	

SPECIFICATIONS - General specifications

B . Model 6455

Dynashift

Engine	
Power at 2200 rpm, ISO hp (kW)	100 (74)
Brand	PERKINS
Type	1104C-44T
Number of cylinders/displacement	4 / 4.4 Turbo
Injection pump	Lucas DP 210
Fan	Viscstatic
Intercooler	-
Alternator	80 A
Gearbox	
Gearbox model	GBA20 (4x4)
Clutch/shuttle	Power Shuttle
Type	Dynashift
AutoDrive	optional
Creeper unit 4/1	optional
Creeper unit 14/1	optional
Rear axle	
Axle model	GPA20
Final drives	HD
Axle shaft Ø	76 mm
Straight shaft	-
Flanged shaft	standard
Brake discs per trumpet housing	1
Hand brake discs	3
Differential lock	Dog clutch
Linkage	
Stabilisers	telescopic
Multi-hole drawbar	optional
3-point linkage	Cat. 2, hook or ball type (*)
Clevis hitch	Fast-setting or pin-adjusting scale
Automatic clevis hitch	Fast-setting or pin-adjusting scale
Hitch stud	Stud or auto-hitch (*)
Swinging drawbar	standard
Roller type swinging drawbar	optional
Power take-off	
Type	Interchangeable / shiftable shaft
540/1000/eco	optional (*)
540/750/1000	-
750/1000	optional (*)
Number of clutch discs	4
PTO brake	hydraulic
Proportional PTO	optional
Automated PTO	optional
Front power take-off	optional

Front axle	
Model	AG 85
Type	fixed or suspended (optional)
Rotational direction	Clockwise
Number of clutch discs	5
Swivelling mudguard (4WD)	optional
2-wheel drive	optional
Front linkage (optional)	2.5 T
Hydraulics	
Open Centre 57 l/min	optional
TFLS 100 l/min	optional
Closed Centre 110 l/min	optional
Closed Centre 150 l/min	-
Orbitrol steering	125 cc
Brake master cylinder	standard
Braking assistance	optional
Trailer brake	optional (*)
Auxiliary spool valves (maximum number)	4 electrohydraulic (2 SMS) or 4 mechanical
Couplers	Decompression
Electronics	
Transmission control	AUTOTRONIC 3
Instrument panel	DCC2
Linkage controller	EHRC
Draft sensors	2
Sensor capacity	4 T (standard) or 6 T (optional)
Datronic	optional
Dual control (front and rear)	optional
TIC with/without draft sensor	optional
Fieldstar	optional
Cab	
Suspension	optional
Rear-view mirrors	manual (standard) or electric (optional)
Air conditioning	manual (standard) or automatic (optional)
Standard bonnet	Fixed
Bonnet option	Hinged
Standard roof	standard
High-visibility roof	optional
Sloping bonnet	optional
Platform	-
Reference (*): according to country	

SPECIFICATIONS - General specifications

Dyna-6 Tier 2

Engine	
Power at 2200 rpm, ISO hp (kW)	100 (74)
Brand	PERKINS
Type	1104C-44T
Number of cylinders/displacement	4 / 4.4 Turbo
Injection pump	Lucas DP 210
Fan	Viscostatic
Intercooler	-
Alternator	80 A
Gearbox	
Gearbox model	GBA25 (6x4)
Clutch/shuttle	Power Shuttle
Type	Dyna-6
AutoDrive	optional
Creep unit 4/1	optional
Creep unit 14/1	optional
Rear axle	
Axle model	GPA20
Final drives	HD
Axle shaft Ø	76 mm
Straight shaft	-
Flanged shaft	standard
Brake discs per trumpet housing	1
Hand brake discs	3
Differential lock	Dog clutch
Linkage	
Stabilisers	telescopic
Multi-hole drawbar	optional
3-point linkage	Cat. 2, hook or ball type (*)
Clevis hitch	Fast-setting or pin-adjusting scale
Automatic clevis hitch	Fast-setting or pin-adjusting scale
Hitch stud	Stud or auto-hitch (*)
Swinging drawbar	standard
Roller type swinging drawbar	optional
Power take-off	
Type	Interchangeable / shifttable shaft
540/1000/eco	optional (*)
540/750/1000	-
750/1000	optional (*)
Number of clutch discs	4
PTO brake	hydraulic
Proportional PTO	optional
Automated PTO	optional
Front power take-off	optional
Front axle	
Model	AG 85
Type	fixed or suspended (optional)

Rotational direction	Clockwise
Number of clutch discs	5
Swivelling mudguard (4WD)	optional
2-wheel drive	optional
Front linkage (optional)	2.5 T
Hydraulics	
Open Centre 57 l/min	optional
TFLS 100 l/min	optional
Closed Centre 110 l/min	optional
Closed Centre 150 l/min	-
Orbitrol steering	125 cc
Brake master cylinder	standard
Braking assistance	optional
Trailer brake	optional (*)
Auxiliary spool valves (maximum number)	4 electrohydraulic (2 SMS) or 4 mechanical
Couplers	Decompression
Electronics	
Transmission control	two AUTOTRONIC 5
Instrument panel	DCC2
Linkage controller	AUTOTRONIC 5
Draft sensors	2
Sensor capacity	4 T (standard) or 6 T (optional)
Datatronc	optional
Dual control (front and rear)	optional
TIC with/without draft sensor	optional
Fieldstar	optional
Cab	
Suspension	optional
Rear-view mirrors	manual (standard) or electric (optional)
Air conditioning	manual (standard) or automatic (optional)
Standard bonnet	Fixed
Bonnet option	Hinged
Standard roof	standard
High-visibility roof	optional
Sloping bonnet	optional
Platform	-
Reference (*): according to country	

SPECIFICATIONS - General specifications

Dyna-6 Tier 3

Engine	
Power at 2200 rpm, ISO hp (kW)	112 (82)
Brand	PERKINS EEM
Type	1104D-E44TA
Number of cylinders/displacement	4 / 4.4 Turbo
Injection pump	SF 200
Fan	Viscstatic or Vistronic
Intercooler	Air / air
Gearbox	
Gearbox model	GBA 25
Clutch/shuttle	Power Shuttle
Type	Dyna-6
AutoDrive	optional
Creeper unit 4/1	optional
Creeper unit 14/1	optional
Rear axle	
Axle model	GPA20
Final drives	HD
Axle shaft Ø	78 mm
Straight shaft	-
Flanged shaft	standard
Brake discs per trumpet housing	1
Hand brake discs	1
Differential lock	Hydraulic clutch
Linkage	
Stabilisers	telescopic
Multi-hole drawbar	optional
3-point linkage	Cat. 2, hook or ball type (*)
Clevis hitch	Fast-setting or pin-adjusting scale
Automatic clevis hitch	Fast-setting or pin-adjusting scale
Semi-mounted trailer hitch	Stud or auto-hitch (*)
Swinging drawbar	standard
Roller type swinging drawbar	optional
Power take-off	
Type	Interchangeable / shifttable shaft
540/1000/eco	optional (*)
540/750/1000	-
750/1000	optional (*)
Number of clutch discs	-
PTO brake	hydraulic
Proportional PTO	optional
Automated PTO	optional
Front power take-off	optional
Front axle	
Model	DANA 730 / 735
Type	fixed or suspended (optional)
Rotational direction	anti-clockwise

Number of clutch discs	-
Swivelling mudguard (4WD)	optional
2-wheel drive	optional
Front linkage (optional)	-
Hydraulics	
Open Centre 57 l/min	optional
TFLS 100 l/min	-
Closed Centre 110 l/min	optional
Closed Centre 150 l/min	-
Orbitrol steering	125 cc
Brake master cylinder	standard
Braking assistance	optional
Trailer brake	optional (*)
Auxiliary spool valves (maximum number)	4 electrohydraulic (2 SMS) or 4 mechanical
Couplers	Decompression
Electronics	
Transmission control	two AUTOTRONIC 5
Instrument panel	DCC2
Linkage controller	AUTO 5
Draft sensors	-
Sensor capacity	-
Datatronic	-
Dual control (front and rear)	-
TIC with/without draft sensor	-
Fieldstar	-
Cab	
Suspension	optional
Rear-view mirrors	manual (standard) or electric (optional)
Air conditioning	manual (standard) or automatic (optional)
Standard bonnet	Fixed
Bonnet option	Hinged
Standard roof	standard
High-visibility roof	optional
Sloping bonnet	optional
Platform	-
Reference (*): according to country	
Gearbox	

SPECIFICATIONS - General specifications

C . Model 6460

Dynashift

Engine	
Power at 2200 rpm, ISO hp (kW)	115 (84)
Brand	PERKINS EEM
Type	1104C-E44TA
Number of cylinders/displacement	4 / 4.4 Turbo
Injection pump	Bosch VP30
Fan	Viscostatic
Intercooler	Air / air
Alternator	80 A
Gearbox	
Gearbox model	GBA20 (4x4)
Clutch/shuttle	Power Shuttle
Type	Dynashift
AutoDrive	optional
Creep unit 4/1	optional
Creep unit 14/1	optional
Rear axle	
Axle model	GPA20
Final drives	HD
Axle shaft Ø	76 mm
Straight shaft	-
Flanged shaft	standard
Brake discs per trumpet housing	1
Hand brake discs	3
Differential lock	Dog clutch
Linkage	
Stabilisers	telescopic
Multi-hole drawbar	optional
3-point linkage	Cat. 2, hook or ball type (*)
Clevis hitch	Fast-setting or pin-adjusting scale
Automatic clevis hitch	Fast-setting or pin-adjusting scale
Hitch stud	Stud or auto-hitch (*)
Swinging drawbar	standard
Roller type swinging drawbar	optional
Power take-off	
Type	Interchangeable / shiftable shaft
540/1000/eco	optional (*)
540/750/1000	-
750/1000	optional (*)
Number of clutch discs	4
PTO brake	hydraulic
Proportional PTO	optional
Automated PTO	optional
Front power take-off	optional

Front axle	
Model	AG 105
Type	fixed or suspended (optional)
Rotational direction	Clockwise
Number of clutch discs	5
Swivelling mudguard (4WD)	optional
2-wheel drive	optional
Front linkage (optional)	2.5 T
Hydraulics	
Open Centre 57 l/min	optional
TFLS 100 l/min	optional
Closed Centre 110 l/min	optional
Closed Centre 150 l/min	-
Orbitrol steering	125 cc
Brake master cylinder	standard
Braking assistance	optional
Trailer brake	optional (*)
Auxiliary spool valves (maximum number)	4 electrohydraulic (2 SMS) or 4 mechanical
Couplers	Decompression
Electronics	
Transmission control	AUTOTRONIC 3
Instrument panel	DCC2
Linkage controller	EHRC
Draft sensors	2
Sensor capacity	4 T (standard) or 6 T (optional)
Datatron	optional
Dual control (front and rear)	optional
TIC with/without draft sensor	optional
Fieldstar	optional
Cab	
Suspension	optional
Rear-view mirrors	manual (standard) or electric (optional)
Air conditioning	manual (standard) or automatic (optional)
Standard bonnet	Fixed
Bonnet option	Hinged
Standard roof	standard
High-visibility roof	optional
Sloping bonnet	-
Platform	-
Reference (*): according to country	

SPECIFICATIONS - General specifications

Dyna-6 Tier 2

Engine	
Power at 2200 rpm, ISO hp (kW)	115 (84)
Brand	PERKINS EEM
Type	1104C-E44TA
Number of cylinders/displacement	4 / 4.4 Turbo
Injection pump	Bosch VP30
Fan	Viscostatic
Intercooler	Air / air
Alternator	80 A
Gearbox	
Gearbox model	GBA25 (6x4)
Clutch/shuttle	Power Shuttle
Type	Dyna-6
AutoDrive	optional
Creeper unit 4/1	optional
Creeper unit 14/1	optional
Rear axle	
Axle model	GPA20
Final drives	HD
Axle shaft Ø	76 mm
Straight shaft	-
Flanged shaft	standard
Brake discs per trumpet housing	1
Hand brake discs	3
Differential lock	Dog clutch
Linkage	
Stabilisers	telescopic
Multi-hole drawbar	optional
3-point linkage	Cat. 2, hook or ball type (*)
Clevis hitch	Fast-setting or pin-adjusting scale
Automatic clevis hitch	Fast-setting or pin-adjusting scale
Hitch stud	Stud or auto-hitch (*)
Swinging drawbar	standard
Roller type swinging drawbar	optional
Power take-off	
Type	Interchangeable / shifttable shaft
540/1000/eco	optional (*)
540/750/1000	-
750/1000	optional (*)
Number of clutch discs	4
PTO brake	hydraulic
Proportional PTO	optional
Automated PTO	optional
Front power take-off	optional
Front axle	
Model	AG 105
Type	fixed or suspended (optional)

Rotational direction	Clockwise
Number of clutch discs	5
Swivelling mudguard (4WD)	optional
2-wheel drive	optional
Front linkage (optional)	2.5 T
Hydraulics	
Open Centre 57 l/min	optional
TFLS 100 l/min	optional
Closed Centre 110 l/min	optional
Closed Centre 150 l/min	-
Orbitrol steering	125 cc
Brake master cylinder	standard
Braking assistance	optional
Trailer brake	optional (*)
Auxiliary spool valves (maximum number)	4 electrohydraulic (2 SMS) or 4 mechanical
Couplers	Decompression
Electronics	
Transmission control	two AUTOTRONIC 5
Instrument panel	DCC2
Linkage controller	AUTOTRONIC 5
Draft sensors	2
Sensor capacity	4 T (standard) or 6 T (optional)
Datatronic	optional
Dual control (front and rear)	optional
TIC with/without draft sensor	optional
Fieldstar	optional
Cab	
Suspension	optional
Rear-view mirrors	manual (standard) or electric (optional)
Air conditioning	manual (standard) or automatic (optional)
Standard bonnet	Fixed
Bonnet option	Hinged
Standard roof	standard
High-visibility roof	optional
Sloping bonnet	-
Platform	-
Reference (*): according to country	

SPECIFICATIONS - General specifications

Dyna-6 Tier 3

Engine	
Power at 2200 rpm, ISO hp (kW)	125 (92)
Brand	SISU
Type	44 CWA
Number of cylinders/displacement	4 / 4.4 Turbo
Injection pump	CP 1H
Fan	Viscostatic or Vistronic
Intercooler	Air / air
Gearbox	
Gearbox model	GBA 25
Clutch/shuttle	Power Shuttle
Type	Dyna-6
AutoDrive	optional
Creeper unit 4/1	optional
Creeper unit 14/1	optional
Rear axle	
Axle model	GPA20
Final drives	HD
Axle shaft Ø	78 mm
Straight shaft	-
Flanged shaft	standard
Brake discs per trumpet housing	1
Hand brake discs	1
Differential lock	Hydraulic clutch
Linkage	
Stabilisers	telescopic
Multi-hole drawbar	optional
3-point linkage	Cat. 2, hook or ball type (*)
Clevis hitch	Fast-setting or pin-adjusting scale
Automatic clevis hitch	Fast-setting or pin-adjusting scale
Semi-mounted trailer hitch	Stud or auto-hitch (*)
Swinging drawbar	standard
Roller type swinging drawbar	optional
Power take-off	
Type	Interchangeable / shiftable shaft
540/1000/eco	optional (*)
540/750/1000	-
750/1000	optional (*)
Number of clutch discs	-
PTO brake	hydraulic
Proportional PTO	optional
Automated PTO	optional
Front power take-off	optional
Front axle	
Model	DANA 730 / 735
Type	fixed or suspended (optional)
Rotational direction	anti-clockwise

Number of clutch discs	-
Swivelling mudguard (4WD)	optional
2-wheel drive	optional
Front linkage (optional)	-
Hydraulics	
Open Centre 57 l/min	optional
TFLS 100 l/min	-
Closed Centre 110 l/min	optional
Closed Centre 150 l/min	-
Orbital steering	125 cc
Brake master cylinder	standard
Braking assistance	optional
Trailer brake	optional (*)
Auxiliary spool valves (maximum number)	4 electrohydraulic (2 SMS) or 4 mechanical
Couplers	Decompression
Electronics	
Transmission control	two AUTOTRONIC 5
Instrument panel	DCC2
Linkage controller	AUTO 5
Draft sensors	-
Sensor capacity	-
Datatronic	-
Dual control (front and rear)	-
TIC with/without draft sensor	-
Fieldstar	-
Cab	
Suspension	optional
Rear-view mirrors	manual (standard) or electric (optional)
Air conditioning	manual (standard) or automatic (optional)
Standard bonnet	Fixed
Bonnet option	Hinged
Standard roof	standard
High-visibility roof	optional
Sloping bonnet	optional
Platform	-
Reference (*): according to country	
Gearbox	

SPECIFICATIONS - General specifications

D . Model 6465

Dynashift

Engine	
Power at 2200 rpm, ISO hp (kW)	120 (89.5)
Brand	PERKINS EEM
Type	1106C-E66TA
Number of cylinders/displacement	6 / 6.0 Turbo
Injection pump	Bosch VP30
Fan	Viscstatic
Intercooler	Air / air
Alternator	80 or 120 A
Gearbox	
Gearbox model	GBA20 (4x4)
Clutch/shuttle	Power Shuttle
Type	Dynashift
AutoDrive	optional
Creeper unit 4/1	optional
Creeper unit 14/1	optional
Rear axle	
Axle model	GPA20
Final drives	HD
Axle shaft Ø	76 mm
Straight shaft	optional
Flanged shaft	standard
Brake discs per trumpet housing	1
Hand brake discs	3
Differential lock	Dog clutch
Linkage	
Stabilisers	telescopic
Multi-hole drawbar	optional
3-point linkage	Cat. 2/3, hook or ball type (*)
Clevis hitch	Fast-setting or pin-adjusting scale
Automatic clevis hitch	Fast-setting or pin-adjusting scale
Hitch stud	Stud or auto-hitch (*)
Swinging drawbar	standard
Roller type swinging drawbar	optional
Power take-off	
Type	Interchangeable / shiftable shaft
540/1000/eco	optional (*)
540/750/1000	-
750/1000	optional (*)
Number of clutch discs	5
PTO brake	hydraulic
Proportional PTO	optional
Automated PTO	optional
Front power take-off	optional

Front axle	
Model	20.19
Type	fixed or suspended (optional)
Rotational direction	Clockwise
Number of clutch discs	5
Swivelling mudguard (4WD)	optional
2-wheel drive	optional
Front linkage (optional)	2.5 T or 3.5 T
Hydraulics	
Open Centre 57 l/min	optional
TFLS 100 l/min	optional
Closed Centre 110 l/min	optional
Closed Centre 150 l/min	-
Orbitrol steering	160 cc
Brake master cylinder	standard
Braking assistance	optional
Trailer brake	optional (*)
Auxiliary spool valves (maximum number)	4 electrohydraulic (2 SMS) or 4 mechanical
Couplers	Decompression
Electronics	
Transmission control	AUTOTRONIC 3
Instrument panel	DCC2
Linkage controller	EHRC
Draft sensors	2
Sensor capacity	4 T (standard) or 6 T (optional)
Datronic	optional
Dual control (front and rear)	optional
TIC with/without draft sensor	optional
Fieldstar	optional
Cab	
Suspension	optional
Rear-view mirrors	manual (standard) or electric (optional)
Air conditioning	manual (standard) or automatic (optional)
Standard bonnet	Fixed
Bonnet option	Hinged
Standard roof	standard
High-visibility roof	optional
Sloping bonnet	-
Platform	optional (*)
Reference (*): according to country	

SPECIFICATIONS - General specifications

Dyna-6 Tier 2

Engine	
Power at 2200 rpm, ISO hp (kW)	120 (89,5)
Brand	PERKINS EEM
Type	1106C-E66TA
Number of cylinders/displacement	6 / 6.0 Turbo
Injection pump	Bosch VP30
Fan	Viscostatic
Intercooler	Air / air
Alternator	80 or 120 A
Gearbox	
Gearbox model	GBA25 (6x4)
Clutch/shuttle	Power Shuttle
Type	Dyna-6
AutoDrive	optional
Creep unit 4/1	optional
Creep unit 14/1	optional
Rear axle	
Axle model	GPA20
Final drives	HD
Axle shaft Ø	76 mm
Straight shaft	optional
Flanged shaft	standard
Brake discs per trumpet housing	1
Hand brake discs	3
Differential lock	Dog clutch
Linkage	
Stabilisers	telescopic
Multi-hole drawbar	optional
3-point linkage	Cat. 2/3, hook or ball type (*)
Clevis hitch	Fast-setting or pin-adjusting scale
Automatic clevis hitch	Fast-setting or pin-adjusting scale
Hitch stud	Stud or auto-hitch (*)
Swinging drawbar	standard
Roller type swinging drawbar	optional
Power take-off	
Type	Interchangeable / shiftable shaft
540/1000/eco	optional (*)
540/750/1000	-
750/1000	optional (*)
Number of clutch discs	5
PTO brake	hydraulic
Proportional PTO	optional
Automated PTO	optional
Front power take-off	optional
Front axle	
Model	20.19
Type	fixed or suspended (optional)

Rotational direction	Clockwise
Number of clutch discs	5
Swivelling mudguard (4WD)	optional
2-wheel drive	optional
Front linkage (optional)	2.5 T or 3.5 T
Hydraulics	
Open Centre 57 l/min	optional
TFLS 100 l/min	optional
Closed Centre 110 l/min	optional
Closed Centre 150 l/min	-
Orbitrol steering	160 cc
Brake master cylinder	standard
Braking assistance	optional
Trailer brake	optional (*)
Auxiliary spool valves (maximum number)	4 electrohydraulic (2 SMS) or 4 mechanical
Couplers	Decompression
Electronics	
Transmission control	two AUTOTRONIC 5
Instrument panel	DCC2
Linkage controller	AUTOTRONIC 5
Draft sensors	2
Sensor capacity	4 T (standard) or 6 T (optional)
Datatronic	optional
Dual control (front and rear)	optional
TIC with/without draft sensor	optional
Fieldstar	optional
Cab	
Suspension	optional
Rear-view mirrors	manual (standard) or electric (optional)
Air conditioning	manual (standard) or automatic (optional)
Standard bonnet	Fixed
Bonnet option	Hinged
Standard roof	standard
High-visibility roof	optional
Sloping bonnet	-
Platform	optional (*)
Reference (*): according to country	

SPECIFICATIONS - General specifications

Dyna-6 Tier 3

Engine	
Power at 2000 rpm, ISO hp (kW)	130 (96)
Brand	PERKINS EEM
Type	1106D-E66TA
Number of cylinders/displacement	6 / 6.0 Turbo
Injection pump	SF 200 HP
Fan	Viscstatic
Intercooler	Air / air
Alternator	120 or 150 A
Gearbox	
Gearbox model	GBA25 (6x4)
Clutch/shuttle	Power Shuttle
Type	Dyna-6
AutoDrive	optional
Creeper unit 4/1	optional
Creeper unit 14/1	optional
Rear axle	
Axle model	GPA20
Final drives	HD
Axle shaft Ø	76 mm
Straight shaft	optional
Flanged shaft	standard
Brake discs per trumpet housing	1
Hand brake discs	3
Differential lock	Dog clutch
Linkage	
Stabilisers	telescopic
Multi-hole drawbar	optional
3-point linkage	Cat. 2/3, hook or ball type (*)
Clevis hitch	Fast-setting or pin-adjusting scale
Automatic clevis hitch	Fast-setting or pin-adjusting scale
Hitch stud	Stud or auto-hitch (*)
Swinging drawbar	standard
Roller type swinging drawbar	optional
Power take-off	
Type	Interchangeable / shifttable shaft
540/1000/eco	optional (*)
540/750/1000	-
750/1000	optional (*)
Number of clutch discs	5
PTO brake	hydraulic
Proportional PTO	optional
Automated PTO	optional
Front power take-off	optional
Front axle	
Model	20.19
Type	fixed or suspended (optional)

Rotational direction	Clockwise
Number of clutch discs	5
Swivelling mudguard (4WD)	optional
2-wheel drive	optional
Front linkage (optional)	2.5 T or 3.5 T
Hydraulics	
Open Centre 57 l/min	optional
TFLS 100 l/min	optional
Closed Centre 110 l/min	optional
Closed Centre 150 l/min	-
Orbitrol steering	160 cc
Brake master cylinder	standard
Braking assistance	optional
Trailer brake	optional (*)
Auxiliary spool valves (maximum number)	4 electrohydraulic (2 SMS) or 4 mechanical
Couplers	Decompression
Electronics	
Transmission control	two AUTOTRONIC 5
Instrument panel	DCC2
Linkage controller	AUTOTRONIC 5
Draft sensors	2
Sensor capacity	4 T (standard) or 6 T (optional)
Datatronic	optional
Dual control (front and rear)	optional
TIC with/without draft sensor	optional
Fieldstar	optional
Cab	
Suspension	optional
Rear-view mirrors	manual (standard) or electric (optional)
Air conditioning	manual (standard) or automatic (optional)
Standard bonnet	Fixed
Bonnet option	Hinged
Standard roof	standard
High-visibility roof	optional
Sloping bonnet	-
Platform	optional (*)
Reference (*): according to country	

SPECIFICATIONS - General specifications

E . Model 6470

Dynashift

Engine	
Power at 2200 rpm, ISO hp (kW)	125 (91)
Brand	PERKINS EEM
Type	1104C-E44TA
Number of cylinders/displacement	4 / 4.4 Turbo
Injection pump	Bosch VP30
Fan	Viscostatic
Intercooler	Air / air
Alternator	80 A
Gearbox	
Gearbox model	GBA20 (4x4)
Clutch/shuttle	Power Shuttle
Type	Dynashift
AutoDrive	optional
Creep unit 4/1	optional
Creep unit 14/1	optional
Rear axle	
Axle model	GPA20
Final drives	HD
Axle shaft Ø	76 mm
Straight shaft	-
Flanged shaft	standard
Brake discs per trumpet housing	1
Hand brake discs	3
Differential lock	Dog clutch
Linkage	
Stabilisers	telescopic
Multi-hole drawbar	optional
3-point linkage	Cat. 2/3, hook or ball type (*)
Clevis hitch	Fast-setting or pin-adjusting scale
Automatic clevis hitch	Fast-setting or pin-adjusting scale
Hitch stud	Stud or auto-hitch (*)
Swinging drawbar	standard
Roller type swinging drawbar	optional
Power take-off	
Type	Interchangeable / shiftable shaft
540/1000/eco	optional (*)
540/750/1000	-
750/1000	optional (*)
Number of clutch discs	4
PTO brake	hydraulic
Proportional PTO	optional
Automated PTO	optional
Front power take-off	optional

Front axle	
Model	AG 105
Type	Fixed
Rotational direction	Clockwise
Number of clutch discs	5
Swivelling mudguard (4WD)	optional
2-wheel drive	optional
Front linkage (optional)	2.5 T
Hydraulics	
Open Centre 57 l/min	optional
TFLS 100 l/min	optional
Closed Centre 110 l/min	optional
Closed Centre 150 l/min	-
Orbitrol steering	125 cc
Brake master cylinder	standard
Braking assistance	optional
Trailer brake	optional (*)
Auxiliary spool valves (maximum number)	4 electrohydraulic (2 SMS) or 4 mechanical
Couplers	Decompression
Electronics	
Transmission control	AUTOTRONIC 3
Instrument panel	DCC2
Linkage controller	EHRC
Draft sensors	2
Sensor capacity	4 T (standard) or 6 T (optional)
Datatron	optional
Dual control (front and rear)	optional
TIC with/without draft sensor	optional
Fieldstar	optional
Cab	
Suspension	optional
Rear-view mirrors	manual (standard) or electric (optional)
Air conditioning	manual (standard) or automatic (optional)
Standard bonnet	Fixed
Bonnet option	Hinged
Standard roof	standard
High-visibility roof	optional
Sloping bonnet	-
Platform	-
Reference (*): according to country	

SPECIFICATIONS - General specifications

Dyna-6 Tier 2

Engine	
Power at 2200 rpm, ISO hp (kW)	125 (91)
Brand	PERKINS EEM
Type	1104C-E44TA
Number of cylinders/displacement	4 / 4.4 Turbo
Injection pump	Bosch VP30
Fan	Viscstatic
Intercooler	Air / air
Alternator	80 A
Gearbox	
Gearbox model	GBA25 (6x4)
Clutch/shuttle	Power Shuttle
Type	Dyna-6
AutoDrive	optional
Creeper unit 4/1	optional
Creeper unit 14/1	optional
Rear axle	
Axle model	GPA20
Final drives	HD
Axle shaft Ø	76 mm
Straight shaft	-
Flanged shaft	standard
Brake discs per trumpet housing	1
Hand brake discs	3
Differential lock	Dog clutch
Linkage	
Stabilisers	telescopic
Multi-hole drawbar	optional
3-point linkage	Cat. 2/3, hook or ball type (*)
Clevis hitch	Fast-setting or pin-adjusting scale
Automatic clevis hitch	Fast-setting or pin-adjusting scale
Hitch stud	Stud or auto-hitch (*)
Swinging drawbar	standard
Roller type swinging drawbar	optional
Power take-off	
Type	Interchangeable / shifttable shaft
540/1000/eco	optional (*)
540/750/1000	-
750/1000	optional (*)
Number of clutch discs	4
PTO brake	hydraulic
Proportional PTO	optional
Automated PTO	optional
Front power take-off	optional
Front axle	
Model	AG 105
Type	fixed or suspended (optional)

Rotational direction	Clockwise
Number of clutch discs	5
Swivelling mudguard (4WD)	optional
2-wheel drive	optional
Front linkage (optional)	2.5 T
Hydraulics	
Open Centre 57 l/min	optional
TFLS 100 l/min	optional
Closed Centre 110 l/min	optional
Closed Centre 150 l/min	-
Orbitrol steering	125 cc
Brake master cylinder	standard
Braking assistance	optional
Trailer brake	optional (*)
Auxiliary spool valves (maximum number)	4 electrohydraulic (2 SMS) or 4 mechanical
Couplers	Decompression
Electronics	
Transmission control	two AUTOTRONIC 5
Instrument panel	DCC2
Linkage controller	AUTOTRONIC 5
Draft sensors	2
Sensor capacity	4 T (standard) or 6 T (optional)
Datatronic	optional
Dual control (front and rear)	optional
TIC with/without draft sensor	optional
Fieldstar	optional
Cab	
Suspension	optional
Rear-view mirrors	manual (standard) or electric (optional)
Air conditioning	manual (standard) or automatic (optional)
Standard bonnet	Fixed
Bonnet option	Hinged
Standard roof	standard
High-visibility roof	optional
Sloping bonnet	-
Platform	-
Reference (*): according to country	

SPECIFICATIONS - General specifications

Dyna-6 Tier 3

Engine	
Power at 2200 rpm, ISO hp (kW)	135 (99)
Brand	SISU
Type	44 CWA
Number of cylinders/displacement	4 / 4.4 Turbo
Injection pump	CP 1H
Fan	Viscostatic or Vistronic
Intercooler	Air / air
Gearbox	
Gearbox model	GBA 25
Clutch/shuttle	Power Shuttle
Type	Dyna-6
AutoDrive	optional
Creeper unit 4/1	optional
Creeper unit 14/1	optional
Rear axle	
Axle model	GPA20
Final drives	HD
Axle shaft Ø	78 mm
Straight shaft	-
Flanged shaft	standard
Brake discs per trumpet housing	1
Hand brake discs	1
Differential lock	Hydraulic clutch
Linkage	
Stabilisers	telescopic
Multi-hole drawbar	optional
3-point linkage	Cat. 2, hook or ball type (*)
Clevis hitch	Fast-setting or pin-adjusting scale
Automatic clevis hitch	Fast-setting or pin-adjusting scale
Semi-mounted trailer hitch	Stud or auto-hitch (*)
Swinging drawbar	standard
Roller type swinging drawbar	optional
Power take-off	
Type	Interchangeable / shiftable shaft
540/1000/eco	optional (*)
540/750/1000	-
750/1000	optional (*)
Number of clutch discs	-
PTO brake	hydraulic
Proportional PTO	optional
Automated PTO	optional
Front power take-off	optional
Front axle	
Model	DANA 730 / 735
Type	fixed or suspended (optional)
Rotational direction	anti-clockwise

Number of clutch discs	-
Swivelling mudguard (4WD)	optional
2-wheel drive	optional
Front linkage (optional)	-
Hydraulics	
Open Centre 57 l/min	optional
TFLS 100 l/min	-
Closed Centre 110 l/min	optional
Closed Centre 150 l/min	-
Orbital steering	125 cc
Brake master cylinder	standard
Braking assistance	optional
Trailer brake	optional (*)
Auxiliary spool valves (maximum number)	4 electrohydraulic (2 SMS) or 4 mechanical
Couplers	Decompression
Electronics	
Transmission control	two AUTOTRONIC 5
Instrument panel	DCC2
Linkage controller	AUTO 5
Draft sensors	-
Sensor capacity	-
Datatronic	-
Dual control (front and rear)	-
TIC with/without draft sensor	-
Fieldstar	-
Cab	
Suspension	optional
Rear-view mirrors	manual (standard) or electric (optional)
Air conditioning	manual (standard) or automatic (optional)
Standard bonnet	Fixed
Bonnet option	Hinged
Standard roof	standard
High-visibility roof	optional
Sloping bonnet	optional
Platform	-
Reference (*): according to country	
Gearbox	

SPECIFICATIONS - General specifications

F . Model 6475

Dynashift

Engine	
Power at 2200 rpm, ISO hp (kW)	135 (101)
Brand	PERKINS EEM
Type	1106C-E66TA
Number of cylinders/displacement	6 / 6.0 Turbo
Injection pump	Bosch VP30
Fan	Viscstatic
Intercooler	Air / air
Alternator	80 or 120 A
Gearbox	
Gearbox model	GBA20 (4x4)
Clutch/shuttle	Power Shuttle
Type	Dynashift
AutoDrive	optional
Creeper unit 4/1	optional
Creeper unit 14/1	optional
Rear axle	
Axle model	GPA20
Final drives	SHD
Axle shaft Ø	82 mm
Straight shaft	optional
Flanged shaft	standard
Brake discs per trumpet housing	1
Hand brake discs	3
Differential lock	Dog clutch
Linkage	
Stabilisers	telescopic
Multi-hole drawbar	optional
3-point linkage	Cat. 2/3, hook or ball type (*)
Clevis hitch	Fast-setting or pin-adjusting scale
Automatic clevis hitch	Fast-setting or pin-adjusting scale
Hitch stud	Stud or auto-hitch (*)
Swinging drawbar	standard
Roller type swinging drawbar	optional
Power take-off	
Type	Interchangeable / shiftable shaft
540/1000/eco	optional (*)
540/750/1000	-
750/1000	optional (*)
Number of clutch discs	5
PTO brake	hydraulic
Proportional PTO	optional
Automated PTO	optional
Front power take-off	optional

Front axle	
Model	20.22
Type	fixed or suspended (optional)
Rotational direction	Clockwise
Number of clutch discs	5
Swivelling mudguard (4WD)	optional
2-wheel drive	optional
Front linkage (optional)	2.5 T or 3.5 T
Hydraulics	
Open Centre 57 l/min	optional
TFLS 100 l/min	optional
Closed Centre 110 l/min	optional
Closed Centre 150 l/min	-
Orbitrol steering	160 cc
Brake master cylinder	standard
Braking assistance	optional
Trailer brake	optional (*)
Auxiliary spool valves (maximum number)	4 electrohydraulic (2 SMS) or 4 mechanical
Couplers	Decompression
Electronics	
Transmission control	AUTOTRONIC 3
Instrument panel	DCC2
Linkage controller	EHRC
Draft sensors	2
Sensor capacity	6 T
Datronic	optional
Dual control (front and rear)	optional
TIC with/without draft sensor	optional
Fieldstar	optional
Cab	
Suspension	optional
Rear-view mirrors	manual (standard) or electric (optional)
Air conditioning	manual (standard) or automatic (optional)
Standard bonnet	Fixed
Bonnet option	Hinged
Standard roof	standard
High-visibility roof	optional
Sloping bonnet	-
Platform	optional (*)
Reference (*): according to country	

SPECIFICATIONS - General specifications

Dyna-6 Tier 2

Engine	
Power at 2200 rpm, ISO hp (kW)	135 (101)
Brand	PERKINS EEM
Type	1106C-E66TA
Number of cylinders/displacement	6 / 6.0 Turbo
Injection pump	Bosch VP30
Fan	Viscostatic
Intercooler	Air / air
Alternator	80 or 120 A
Gearbox	
Gearbox model	GBA25 (6x4)
Clutch/shuttle	Power Shuttle
Type	Dyna-6
AutoDrive	optional
Creep unit 4/1	optional
Creep unit 14/1	optional
Rear axle	
Axle model	GPA20
Final drives	SHD
Axle shaft Ø	82 mm
Straight shaft	optional
Flanged shaft	standard
Brake discs per trumpet housing	1
Hand brake discs	3
Differential lock	Dog clutch
Linkage	
Stabilisers	telescopic
Multi-hole drawbar	optional
3-point linkage	Cat. 2/3, hook or ball type (*)
Clevis hitch	Fast-setting or pin-adjusting scale
Automatic clevis hitch	Fast-setting or pin-adjusting scale
Hitch stud	Stud or auto-hitch (*)
Swinging drawbar	standard
Roller type swinging drawbar	optional
Power take-off	
Type	Interchangeable / shiftable shaft
540/1000/eco	optional (*)
540/750/1000	-
750/1000	optional (*)
Number of clutch discs	5
PTO brake	hydraulic
Proportional PTO	optional
Automated PTO	optional
Front power take-off	optional
Front axle	
Model	20.22
Type	fixed or suspended (optional)

Rotational direction	Clockwise
Number of clutch discs	5
Swivelling mudguard (4WD)	optional
2-wheel drive	optional
Front linkage (optional)	2.5 T or 3.5 T
Hydraulics	
Open Centre 57 l/min	optional
TFLS 100 l/min	optional
Closed Centre 110 l/min	optional
Closed Centre 150 l/min	-
Orbitrol steering	160 cc
Brake master cylinder	standard
Braking assistance	optional
Trailer brake	optional (*)
Auxiliary spool valves (maximum number)	4 electrohydraulic (2 SMS) or 4 mechanical
Couplers	Decompression
Electronics	
Transmission control	two AUTOTRONIC 5
Instrument panel	DCC2
Linkage controller	AUTOTRONIC 5
Draft sensors	2
Sensor capacity	6 T
Datatronic	optional
Dual control (front and rear)	optional
TIC with/without draft sensor	optional
Fieldstar	optional
Cab	
Suspension	optional
Rear-view mirrors	manual (standard) or electric (optional)
Air conditioning	manual (standard) or automatic (optional)
Standard bonnet	Fixed
Bonnet option	Hinged
Standard roof	standard
High-visibility roof	optional
Sloping bonnet	-
Platform	optional (*)
Reference (*): according to country	

SPECIFICATIONS - General specifications

Dyna-6 Tier 3

Engine	
Power at 2200 rpm, ISO hp (kW)	145 (107)
Brand	PERKINS EEM
Type	1106D-E66TA
Number of cylinders/displacement	6 / 6.0 Turbo
Injection pump	SF 200 HP
Fan	Viscstatic
Intercooler	Air / air
Alternator	120 or 150 A
Gearbox	
Gearbox model	GBA25 (6x4)
Clutch/shuttle	Power Shuttle
Type	Dyna-6
AutoDrive	optional
Creeper unit 4/1	optional
Creeper unit 14/1	optional
Rear axle	
Axle model	GPA20
Final drives	SHD
Axle shaft Ø	82 mm
Straight shaft	optional
Flanged shaft	standard
Brake discs per trumpet housing	1
Hand brake discs	3
Differential lock	Dog clutch
Linkage	
Stabilisers	telescopic
Multi-hole drawbar	optional
3-point linkage	Cat. 2/3, hook or ball type (*)
Clevis hitch	Fast-setting or pin-adjusting scale
Automatic clevis hitch	Fast-setting or pin-adjusting scale
Hitch stud	Stud or auto-hitch (*)
Swinging drawbar	standard
Roller type swinging drawbar	optional
Power take-off	
Type	Interchangeable / shifttable shaft
540/1000/eco	optional (*)
540/750/1000	-
750/1000	optional (*)
Number of clutch discs	5
PTO brake	hydraulic
Proportional PTO	optional
Automated PTO	optional
Front power take-off	optional
Front axle	
Model	20.22
Type	fixed or suspended (optional)

Rotational direction	Clockwise
Number of clutch discs	5
Swivelling mudguard (4WD)	optional
2-wheel drive	optional
Front linkage (optional)	2.5 T or 3.5 T
Hydraulics	
Open Centre 57 l/min	optional
TFLS 100 l/min	optional
Closed Centre 110 l/min	optional
Closed Centre 150 l/min	-
Orbitrol steering	160 cc
Brake master cylinder	standard
Braking assistance	optional
Trailer brake	optional (*)
Auxiliary spool valves (maximum number)	4 electrohydraulic (2 SMS) or 4 mechanical
Couplers	Decompression
Electronics	
Transmission control	two AUTOTRONIC 5
Instrument panel	DCC2
Linkage controller	AUTOTRONIC 5
Draft sensors	2
Sensor capacity	6 T
Datatronic	optional
Dual control (front and rear)	optional
TIC with/without draft sensor	optional
Fieldstar	optional
Cab	
Suspension	optional
Rear-view mirrors	manual (standard) or electric (optional)
Air conditioning	manual (standard) or automatic (optional)
Standard bonnet	Fixed
Bonnet option	Hinged
Standard roof	standard
High-visibility roof	optional
Sloping bonnet	-
Platform	optional (*)
Reference (*): according to country	

SPECIFICATIONS - General specifications

G . Model 6480

Dynashift

Engine	
Power at 2200 rpm, ISO hp (kW)	145 (107.4)
Brand	PERKINS EEM
Type	1106C-E66TA
Number of cylinders/displacement	6 / 6.0 Turbo
Injection pump	Bosch VP30
Fan	Viscostatic or Vistronic
Intercooler	Air / air
Alternator	80 or 120 A
Gearbox	
Gearbox model	GBA20 (4x4)
Clutch/shuttle	Power Shuttle
Type	Dynashift
AutoDrive	optional
Creep unit 4/1	optional
Creep unit 14/1	optional
Rear axle	
Axle model	GPA20
Final drives	SHD
Axle shaft Ø	82 mm
Straight shaft	standard (US), optional (EU)
Flanged shaft	standard (EU), optional (US)
Brake discs per trumpet housing	1
Hand brake discs	3
Differential lock	Dog clutch
Linkage	
Stabilisers	telescopic
Multi-hole drawbar	optional
3-point linkage	Cat. 2/3, hook or ball type (*)
Clevis hitch	Fast-setting or pin-adjusting scale
Automatic clevis hitch	Fast-setting or pin-adjusting scale
Hitch stud	Stud or auto-hitch (*)
Swinging drawbar	standard
Roller type swinging drawbar	optional
Power take-off	
Type	Interchangeable / shiftable shaft
540/1000/eco	optional (*)
540/750/1000	-
750/1000	optional (*)
Number of clutch discs	5
PTO brake	hydraulic
Proportional PTO	optional
Automated PTO	optional
Front power take-off	optional

Front axle	
Model	20.29
Type	fixed or suspended (optional)
Rotational direction	Clockwise
Number of clutch discs	5
Swivelling mudguard (4WD)	optional
2-wheel drive	optional
Front linkage (optional)	2.5 T or 3.5 T
Hydraulics	
Open Centre 57 l/min	optional
TFLS 100 l/min	optional
Closed Centre 110 l/min	optional
Closed Centre 150 l/min	-
Orbitrol steering	160 cc
Brake master cylinder	standard
Braking assistance	optional
Trailer brake	optional (*)
Auxiliary spool valves (maximum number)	4 electrohydraulic (2 SMS) or 4 mechanical
Couplers	Decompression
Electronics	
Transmission control	AUTOTRONIC 3
Instrument panel	DCC2
Linkage controller	EHRC
Draft sensors	2
Sensor capacity	6 T
Datatron	optional
Dual control (front and rear)	optional
TIC with/without draft sensor	optional
Fieldstar	optional
Cab	
Suspension	optional
Rear-view mirrors	manual (standard) or electric (optional)
Air conditioning	manual (standard) or automatic (optional)
Standard bonnet	Fixed
Bonnet option	Hinged
Standard roof	standard
High-visibility roof	optional
Sloping bonnet	-
Platform	optional (*)
Reference (*): according to country	

SPECIFICATIONS - General specifications

Dyna-6 Tier 2

Engine	
Power at 2200 rpm, ISO hp (kW)	145 (107.4)
Brand	PERKINS EEM
Type	1106C-E66TA
Number of cylinders/displacement	6 / 6.0 Turbo
Injection pump	Bosch VP30
Fan	Viscostatic or Vistronic
Intercooler	Air / air
Alternator	80 or 120 A
Gearbox	
Gearbox model	GBA25 (6x4)
Clutch/shuttle	Power Shuttle
Type	Dyna-6
AutoDrive	optional
Creeper unit 4/1	optional
Creeper unit 14/1	optional
Rear axle	
Axle model	GPA20
Final drives	SHD
Axle shaft Ø	82 mm
Straight shaft	standard (US), optional (EU)
Flanged shaft	standard (EU), optional (US)
Brake discs per trumpet housing	1
Hand brake discs	3
Differential lock	Dog clutch
Linkage	
Stabilisers	telescopic
Multi-hole drawbar	optional
3-point linkage	Cat. 2/3, hook or ball type (*)
Clevis hitch	Fast-setting or pin-adjusting scale
Automatic clevis hitch	Fast-setting or pin-adjusting scale
Hitch stud	Stud or auto-hitch (*)
Swinging drawbar	standard
Roller type swinging drawbar	optional
Power take-off	
Type	Interchangeable / shifttable shaft
540/1000/eco	optional (*)
540/750/1000	-
750/1000	optional (*)
Number of clutch discs	5
PTO brake	hydraulic
Proportional PTO	optional
Automated PTO	optional
Front power take-off	optional
Front axle	
Model	20.29
Type	fixed or suspended (optional)

Rotational direction	Clockwise
Number of clutch discs	5
Swivelling mudguard (4WD)	optional
2-wheel drive	optional
Front linkage (optional)	2.5 T or 3.5 T
Hydraulics	
Open Centre 57 l/min	optional
TFLS 100 l/min	optional
Closed Centre 110 l/min	optional
Closed Centre 150 l/min	-
Orbitrol steering	160 cc
Brake master cylinder	standard
Braking assistance	optional
Trailer brake	optional (*)
Auxiliary spool valves (maximum number)	4 electrohydraulic (2 SMS) or 4 mechanical
Couplers	Decompression
Electronics	
Transmission control	two AUTOTRONIC 5
Instrument panel	DCC2
Linkage controller	AUTOTRONIC 5
Draft sensors	2
Sensor capacity	6 T
Datatronic	optional
Dual control (front and rear)	optional
TIC with/without draft sensor	optional
Fieldstar	optional
Cab	
Suspension	optional
Rear-view mirrors	manual (standard) or electric (optional)
Air conditioning	manual (standard) or automatic (optional)
Standard bonnet	Fixed
Bonnet option	Hinged
Standard roof	standard
High-visibility roof	optional
Sloping bonnet	-
Platform	optional (*)
Reference (*): according to country	

SPECIFICATIONS - General specifications

Dyna-6 Tier 3

Engine	
Power at 2200 rpm, ISO hp (kW)	157 (116)
Brand	PERKINS EEM
Type	1106D-E66TA
Number of cylinders/displacement	6 / 6.0 Turbo
Injection pump	SF 200 HP
Fan	Viscostatic or Vistronic
Intercooler	Air / air
Alternator	120 or 150 A
Gearbox	
Gearbox model	GBA25 (6x4)
Clutch/shuttle	Power Shuttle
Type	Dyna-6
AutoDrive	optional
Creep unit 4/1	optional
Creep unit 14/1	optional
Rear axle	
Axle model	GPA20
Final drives	SHD
Axle shaft Ø	82 mm
Straight shaft	standard (US), optional (EU)
Flanged shaft	standard (EU), optional (US)
Brake discs per trumpet housing	1
Hand brake discs	3
Differential lock	Dog clutch
Linkage	
Stabilisers	telescopic
Multi-hole drawbar	optional
3-point linkage	Cat. 2/3, hook or ball type (*)
Clevis hitch	Fast-setting or pin-adjusting scale
Automatic clevis hitch	Fast-setting or pin-adjusting scale
Hitch stud	Stud or auto-hitch (*)
Swinging drawbar	standard
Roller type swinging drawbar	optional
Power take-off	
Type	Interchangeable / shiftable shaft
540/1000/eco	optional (*)
540/750/1000	-
750/1000	optional (*)
Number of clutch discs	5
PTO brake	hydraulic
Proportional PTO	optional
Automated PTO	optional
Front power take-off	optional
Front axle	
Model	20.29
Type	fixed or suspended (optional)

Rotational direction	Clockwise
Number of clutch discs	5
Swivelling mudguard (4WD)	optional
2-wheel drive	optional
Front linkage (optional)	2.5 T or 3.5 T
Hydraulics	
Open Centre 57 l/min	optional
TFLS 100 l/min	optional
Closed Centre 110 l/min	optional
Closed Centre 150 l/min	-
Orbitrol steering	160 cc
Brake master cylinder	standard
Braking assistance	optional
Trailer brake	optional (*)
Auxiliary spool valves (maximum number)	4 electrohydraulic (2 SMS) or 4 mechanical
Couplers	Decompression
Electronics	
Transmission control	two AUTOTRONIC 5
Instrument panel	DCC2
Linkage controller	AUTOTRONIC 5
Draft sensors	2
Sensor capacity	6 T
Datatronc	optional
Dual control (front and rear)	optional
TIC with/without draft sensor	optional
Fieldstar	optional
Cab	
Suspension	optional
Rear-view mirrors	manual (standard) or electric (optional)
Air conditioning	manual (standard) or automatic (optional)
Standard bonnet	Fixed
Bonnet option	Hinged
Standard roof	standard
High-visibility roof	optional
Sloping bonnet	-
Platform	optional (*)
Reference (*): according to country	

SPECIFICATIONS - General specifications

H . Model 6485

Dynashift

Engine	
Power at 2200 rpm, ISO hp (kW)	155 (115.6)
Brand	SISU EEM
Type	Fortius 66ETA
Number of cylinders/displacement	6 / 6.6 Turbo
Injection pump	Bosch VP30
Fan	Viscostatic or Vistronic
Intercooler	Air / air
Alternator	120 or 150 A
Gearbox	
Gearbox model	GBA10
Clutch/shuttle	Power Shuttle
Type	Dynashift
AutoDrive	optional
Creeper unit 4/1	optional
Rear axle	
Axle model	GPA40
Final drives	ND / HD
Axle shaft Ø	95 mm
Straight shaft	standard (US), optional (EU)
Flanged shaft	standard (EU), optional (US)
Brake discs per trumpet housing	1
Hand brake discs	6
ParkLock	optional
Differential lock	5* multidisc
Linkage	
Stabilisers	telescopic / with shoes / automatic (*)
Multi-hole drawbar	optional
3-point linkage	Cat. 2/3, hook or ball type (*)
Clevis hitch	Fast-setting or pin-adjusting scale (*)
Automatic clevis hitch	Fast-setting or pin-adjusting scale (*)
Hitch stud	Stud or auto-hitch (*)
Swinging drawbar	standard
Roller type swinging drawbar	optional
Power take-off	
Type	shiftable
540/1000/eco	-
540/750/1000	optional (*)
750/1000	optional (*)
Number of clutch discs	5
PTO brake	hydraulic
Proportional PTO	optional
Automated PTO	optional
Front power take-off	optional

Front axle		
Model	20.43	
Type	fixed or suspended (optional)	
Rotational direction	Clockwise	
Number of clutch discs	6	
Swivelling mudguard (4WD)	optional	
2-wheel drive	optional	
Front linkage (optional)	2.5 T or 3.5 T	
Hydraulics		
Open Centre 57 l/min	-	
TFLS 100 l/min	optional	
Closed Centre 110 l/min	optional	
Closed Centre 150 l/min	-	
Orbitrol steering	80 cc / 205 cc	
Brake master cylinder	-	
Braking assistance	standard	
Trailer brake	optional (*)	
Auxiliary spool valves (maximum number)	4 electrohydraulic (2 SMS) or 4 mechanical	
Couplers	Decompression	
Electronics		
Transmission control	AUTOTRONIC 3	AUTOTRONIC 5
Instrument panel	DCC2	
Linkage controller	EHRC	AUTOTRONIC 5
Draft sensors	2	
Sensor capacity	6 T	
Datatronic	DATATRONIC 2 (optional)	DATATRONIC 3 (optional)
Dual control (front and rear)	optional	
TIC with/without draft sensor	optional	
Fieldstar	optional	-
Cab		
Suspension	optional	
Rear-view mirrors	manual (standard) or electric (optional)	
Air conditioning	manual (standard) or automatic (optional)	
Standard bonnet	Fixed	
Bonnet option	Hinged	
Standard roof	standard	
High-visibility roof	optional	
Sloping bonnet	-	
Platform	optional (*)	
Reference (*): according to country		

SPECIFICATIONS - General specifications

Dyna-6

Engine	
Power at 2200 rpm, ISO hp (kW)	160 (118)
Brand	SISU EEM
Type	Citius 66CTA
Number of cylinders/displacement	6 / 6.6 Turbo
Injection pump	Bosch CP 1H
Fan	Vistronic fan
Intercooler	Air / air
Alternator	120 or 150 A
Gearbox	
Gearbox model	GBA15 (6x4)
Clutch/shuttle	Power Shuttle
Type	Dyna-6
AutoDrive	optional
Creeper unit 4/1	optional
Rear axle	
Axle model	GPA40
Final drives	ND
Axle shaft Ø	95 mm
Straight shaft	standard (US), optional (EU)
Flanged shaft	standard (EU), optional (US)
Brake discs per trumpet housing	1
Hand brake discs	6
ParkLock	optional
Differential lock	5" multidisc
Linkage	
Stabilisers	telescopic / with shoes / automatic (*)
Multi-hole drawbar	optional
3-point linkage	Cat. 2/3, hook or ball type (*)
Clevis hitch	Fast-setting or pin-adjusting scale (*)
Automatic clevis hitch	Fast-setting or pin-adjusting scale (*)
Hitch stud	Stud or auto-hitch (*)
Swinging drawbar	standard
Roller type swinging drawbar	optional
Power take-off	
Type	shiftable
540/1000	Standard
540/1000/540 eco	optional
540/1000/1000 eco	optional
Number of clutch discs	5
PTO brake	hydraulic
Proportional PTO	optional (40 kph only)
Automated PTO	optional
Front power take-off	optional
Front axle	
Model	DANA 740
Type	fixed or suspended (optional)

Rotational direction	Clockwise
Number of clutch discs	9
Swivelling mudguard (4WD)	optional
2-wheel drive	optional
Front linkage (optional)	4 T
Hydraulics	
Closed Centre 110 l/min	standard
Orbitrol steering	80 cc / 205 cc
Brake master cylinder	40 kph tractor
Brake high-pressure valve	50 kph tractor (*)
Braking assistance	standard
Trailer brake	optional (*)
Auxiliary spool valves (maximum number)	5 REAR 2 FRONT
Couplers	Decompression
Electronics	
Transmission control	AUTOTRONIC 5
Instrument panel	DCC2
Linkage controller	AUTOTRONIC 5
Suspended front axle and ParkLock controller	AUTOTRONIC 5
Draft sensors	2
Sensor capacity	6 T
Datatronic	DATATRONIC 3 (optional)
Dual control (front and rear)	optional
TIC with/without draft sensor	optional
Fieldstar	optional
ISOBUS	optional
Cab	
Suspension	optional
Rear-view mirrors	manual (standard) or electric (optional)
Air conditioning	manual (standard) or automatic (optional)
Standard bonnet	Single-piece hinged
Standard roof	standard
High-visibility roof	-
Sloping bonnet	-
Platform	-
Reference (*): according to country	

SPECIFICATIONS - General specifications

I. Model 6490

Dynashift

Engine	
Power at 2200 rpm, ISO hp (kW)	170 (126.8)
Brand	SISU EEM
Type	Fortius 66ETA
Number of cylinders/displacement	6 / 6.6 Turbo
Injection pump	Bosch VP30
Fan	Viscostatic or Vistronic
Intercooler	Air / air
Alternator	120 or 150 A
Gearbox	
Gearbox model	GBA10
Clutch/shuttle	Power Shuttle
Type	Dynashift
AutoDrive	optional
Creeper unit 4/1	optional
Rear axle	
Axle model	GPA40
Final drives	HD / HDE
Axle shaft Ø	95 mm
Straight shaft	standard (US), optional (EU)
Flanged shaft	standard (EU), optional (US)
Brake discs per trumpet housing	1
Hand brake discs	6
ParkLock	optional
Differential lock	5" multidisc
Linkage	
Stabilisers	telescopic / with shoes / automatic (*)
Multi-hole drawbar	optional
3-point linkage	Cat. 2/3, hook or ball type (*)
Clevis hitch	Fast-setting or pin-adjusting scale (*)
Automatic clevis hitch	Fast-setting or pin-adjusting scale (*)
Hitch stud	Stud or auto-hitch (*)
Swinging drawbar	standard
Roller type swinging drawbar	optional
Power take-off	
Type	shiftable
540/1000/eco	-
540/750/1000	optional (*)
750/1000	optional (*)
Number of clutch discs	5
PTO brake	hydraulic
Proportional PTO	optional
Automated PTO	optional
Front power take-off	optional

Front axle		
Model	20.43	
Type	fixed or suspended (optional)	
Rotational direction	Clockwise	
Number of clutch discs	6	
Swivelling mudguard (4WD)	optional	
2-wheel drive	optional	
Front linkage (optional)	2.5 T or 3.5 T	
Hydraulics		
Open Centre 57 l/min	-	
TFLS 100 l/min	optional	
Closed Centre 110 l/min	optional	
Closed Centre 150 l/min	-	
Orbitrol steering	80 cc / 205 cc	
Brake master cylinder	-	
Braking assistance	standard	
Trailer brake	optional (*)	
Auxiliary spool valves (maximum number)	4 electrohydraulic (2 SMS) or 4 mechanical	
Couplers	Decompression	
Electronics		
Transmission control	AUTOTRONIC 3	AUTOTRONIC 5
Instrument panel	DCC2	
Linkage controller	EHRC	AUTOTRONIC 5
Draft sensors	2	
Sensor capacity	6 T	
Datatronic	DATATRONIC 2 (optional)	DATATRONIC 3 (optional)
Dual control (front and rear)	optional	
TIC with/without draft sensor	optional	
Fieldstar	optional	-
Cab		
Suspension	optional	
Rear-view mirrors	manual (standard) or electric (optional)	
Air conditioning	manual (standard) or automatic (optional)	
Standard bonnet	Fixed	
Bonnet option	Hinged	
Standard roof	standard	
High-visibility roof	optional	
Sloping bonnet	-	
Platform	optional (*)	
Reference (*): according to country		

SPECIFICATIONS - General specifications

Dyna-6

Engine	
Power at 2200 rpm, ISO hp (kW)	170 (126.8)
Brand	SISU EEM
Type	Citius 66CTA
Number of cylinders/displacement	6 / 6.6 Turbo
Injection pump	Bosch CP 1H
Fan	Vistronic fan
Intercooler	Air / air
Alternator	120 or 150 A
Gearbox	
Gearbox model	GBA15 (6x4)
Clutch/shuttle	Power Shuttle
Type	Dyna-6
AutoDrive	optional
Creeper unit 4/1	optional
Rear axle	
Axle model	GPA40
Final drives	ND
Axle shaft Ø	95 mm
Straight shaft	standard (US), optional (EU)
Flanged shaft	standard (EU), optional (US)
Brake discs per trumpet housing	1
Hand brake discs	6
ParkLock	optional
Differential lock	5" multidisc
Linkage	
Stabilisers	telescopic / with shoes / automatic (*)
Multi-hole drawbar	optional
3-point linkage	Cat. 2/3, hook or ball type (*)
Clevis hitch	Fast-setting or pin-adjusting scale (*)
Automatic clevis hitch	Fast-setting or pin-adjusting scale (*)
Hitch stud	Stud or auto-hitch (*)
Swinging drawbar	standard
Roller type swinging drawbar	optional
Power take-off	
Type	shiftable
540/1000	Standard
540/1000/540 eco	optional
540/1000/1000 eco	optional
Number of clutch discs	5
PTO brake	hydraulic
Proportional PTO	optional (40 kph only)
Automated PTO	optional
Front power take-off	optional
Front axle	
Model	DANA 745
Type	fixed or suspended (optional)

Rotational direction	Clockwise
Number of clutch discs	9
Swivelling mudguard (4WD)	optional
2-wheel drive	optional
Front linkage (optional)	4 T
Hydraulics	
Closed Centre 110 l/min	standard
Orbitrol steering	80 cc / 205 cc
Brake master cylinder	40 kph tractor
Brake high-pressure valve	50 kph tractor (*)
Braking assistance	standard
Trailer brake	optional (*)
Auxiliary spool valves (maximum number)	5 REAR 2 FRONT
Couplers	Decompression
Electronics	
Transmission control	AUTOTRONIC 5
Instrument panel	DCC2
Linkage controller	AUTOTRONIC 5
Suspended front axle and ParkLock controller	AUTOTRONIC 5
Draft sensors	2
Sensor capacity	6 T
Datatronic	DATATRONIC 3 (optional)
Dual control (front and rear)	optional
TIC with/without draft sensor	optional
Fieldstar	optional
ISOBUS	optional
Cab	
Suspension	optional
Rear-view mirrors	manual (standard) or electric (optional)
Air conditioning	manual (standard) or automatic (optional)
Standard bonnet	Single-piece hinged
Standard roof	standard
High-visibility roof	-
Sloping bonnet	-
Platform	-
Reference (*): according to country	

SPECIFICATIONS - General specifications

J . Model 6495

Dynashift

Engine	
Power at 2200 rpm, ISO hp (kW)	185 (138)
Brand	SISU EEM
Type	Fortius 66ETA
Number of cylinders/displacement	6 / 6.6 Turbo
Injection pump	Bosch VP30
Fan	Viscostatic or Vistronic
Intercooler	Air / air
Alternator	120 or 150 A
Gearbox	
Gearbox model	GBA10
Clutch/shuttle	Power Shuttle
Type	Dynashift
AutoDrive	optional
Creep unit 4/1	optional
Rear axle	
Axle model	GPA40
Final drives	HDE
Axle shaft Ø	95 mm
Straight shaft	standard (US), optional (EU)
Flanged shaft	standard (EU), optional (US)
Brake discs per trumpet housing	1
Hand brake discs	6
ParkLock	optional
Differential lock	7" multidisc
Linkage	
Stabilisers	telescopic / with shoes / automatic (*)
Multi-hole drawbar	optional
3-point linkage	Cat. 2/3, hook or ball type (*)
Clevis hitch	Fast-setting or pin-adjusting scale (*)
Automatic clevis hitch	Fast-setting or pin-adjusting scale (*)
Hitch stud	Stud or auto-hitch (*)
Swinging drawbar	standard
Roller type swinging drawbar	optional
Power take-off	
Type	shiftable
540/1000/eco	-
540/750/1000	optional (*)
750/1000	optional (*)
Number of clutch discs	5
PTO brake	hydraulic
Proportional PTO	optional
Automated PTO	optional
Front power take-off	optional

Front axle		
Model	20.43	
Type	fixed or suspended (optional)	
Rotational direction	Clockwise	
Number of clutch discs	6	
Swivelling mudguard (4WD)	optional	
2-wheel drive	optional	
Front linkage (optional)	2.5 T or 3.5 T	
Hydraulics		
Open Centre 57 l/min	-	
TFLS 100 l/min	optional	
Closed Centre 110 l/min	optional	
Closed Centre 150 l/min	-	
Orbitrol steering	80 cc / 205 cc	
Brake master cylinder	-	
Braking assistance	standard	
Trailer brake	optional (*)	
Auxiliary spool valves (maximum number)	4 electrohydraulic (2 SMS) or 4 mechanical	
Couplers	Decompression	
Electronics		
Transmission control	AUTOTRONIC 3	AUTOTRONIC 5
Instrument panel	DCC2	
Linkage controller	EHRC	AUTOTRONIC 5
Draft sensors	2	
Sensor capacity	6 T	
Datatronic	DATATRONIC 2 (optional)	DATATRONIC 3 (optional)
Dual control (front and rear)	optional	
TIC with/without draft sensor	optional	
Fieldstar	optional	-
Cab		
Suspension	optional	
Rear-view mirrors	manual (standard) or electric (optional)	
Air conditioning	manual (standard) or automatic (optional)	
Standard bonnet	Fixed	
Bonnet option	Hinged	
Standard roof	standard	
High-visibility roof	optional	
Sloping bonnet	-	
Platform	optional (*)	
Reference (*): according to country		

SPECIFICATIONS - General specifications

Dyna-6

Engine	
Power at 2200 rpm, ISO hp (kW)	185 (138)
Brand	SISU EEM
Type	Citius 66CTA
Number of cylinders/displacement	6 / 6.6 Turbo
Injection pump	Bosch CP 1H
Fan	Vistronic fan
Intercooler	Air / air
Alternator	120 or 150 A
Gearbox	
Gearbox model	GBA15 (6x4)
Clutch/shuttle	Power Shuttle
Type	Dyna-6
AutoDrive	optional
Creeper unit 4/1	optional
Rear axle	
Axle model	GPA40
Final drives	HD
Axle shaft Ø	95 mm
Straight shaft	standard (US), optional (EU)
Flanged shaft	standard (EU), optional (US)
Brake discs per trumpet housing	1
Hand brake discs	6
ParkLock	optional
Differential lock	7" multidisc
Linkage	
Stabilisers	telescopic / with shoes / automatic (*)
Multi-hole drawbar	optional
3-point linkage	Cat. 2/3, hook or ball type (*)
Clevis hitch	Fast-setting or pin-adjusting scale (*)
Automatic clevis hitch	Fast-setting or pin-adjusting scale (*)
Hitch stud	Stud or auto-hitch (*)
Swinging drawbar	standard
Roller type swinging drawbar	optional
Power take-off	
Type	shiftable
540/1000	Standard
540/1000/540 eco	optional
540/1000/1000 eco	optional
Number of clutch discs	5
PTO brake	hydraulic
Proportional PTO	optional (40 kph only)
Automated PTO	optional
Front power take-off	optional
Front axle	
Model	DANA 750
Type	fixed or suspended (optional)

Rotational direction	Clockwise
Number of clutch discs	9
Swivelling mudguard (4WD)	optional
2-wheel drive	optional
Front linkage (optional)	4 T
Hydraulics	
Closed Centre 110 l/min	standard
Orbitrol steering	80 cc / 205 cc
Brake master cylinder	40 kph tractor
Brake high-pressure valve	50 kph tractor (*)
Braking assistance	standard
Trailer brake	optional (*)
Auxiliary spool valves (maximum number)	5 REAR 2 FRONT
Couplers	Decompression
Electronics	
Transmission control	AUTOTRONIC 5
Instrument panel	DCC2
Linkage controller	AUTOTRONIC 5
Suspended front axle and ParkLock controller	AUTOTRONIC 5
Draft sensors	2
Sensor capacity	6 T
Datatronic	DATATRONIC 3 (optional)
Dual control (front and rear)	optional
TIC with/without draft sensor	optional
Fieldstar	optional
ISOBUS	optional
Cab	
Suspension	optional
Rear-view mirrors	manual (standard) or electric (optional)
Air conditioning	manual (standard) or automatic (optional)
Standard bonnet	Single-piece hinged
Standard roof	standard
High-visibility roof	-
Sloping bonnet	-
Platform	-
Reference (*): according to country	

SPECIFICATIONS - General specifications

K . Model 6497

Dynashift

Engine	
Power at 2200 rpm, ISO hp (kW)	185 (138)
Brand	SISU EEM
Type	Fortius 66ETA
Number of cylinders/displacement	6 / 6.6 Turbo
Injection pump	Bosch VP30
Fan	Viscostatic or Vistronic
Intercooler	Air / air
Alternator	120 or 150 A
Gearbox	
Gearbox model	GBA10
Clutch/shuttle	Power Shuttle
Type	Dynashift
AutoDrive	optional
Creeper unit 4/1	optional
Rear axle	
Axle model	GPA30
Final drives	HDE/Composite
Axle shaft Ø	95 mm / 110 mm
Straight shaft	standard
Brake discs per trumpet housing	1
Hand brake discs	6
ParkLock	optional
Differential lock	7" multidisc
Linkage	
Stabilisers	telescopic / with shoes / automatic (*)
Multi-hole drawbar	optional
3-point linkage	Cat. 2/3, hook or ball type (*)
Clevis hitch	Fast-setting or pin-adjusting scale (*)
Automatic clevis hitch	Fast-setting or pin-adjusting scale (*)
Hitch stud	Stud or auto-hitch (*)
Swinging drawbar	standard
Roller type swinging drawbar	optional
Power take-off	
Type	shiftable
540/1000/eco	-
540/750/1000	optional (*)
750/1000	optional (*)
Number of clutch discs	6
PTO brake	hydraulic
Proportional PTO	optional
Automated PTO	optional
Front power take-off	optional

Front axle		
Model	20.43	
Type	fixed or suspended (optional)	
Rotational direction	Clockwise	
Number of clutch discs	6	
Swivelling mudguard (4WD)	optional	
2-wheel drive	optional	
Front linkage (optional)	3.5 T or 5 T	
Hydraulics		
Closed Centre 110 l/min	standard	
Orbitrol steering	80 cc / 205 cc	
Braking assistance	standard	
Trailer brake	optional (*)	
Auxiliary spool valves (maximum number)	4 electrohydraulic (2 SMS) or 4 mechanical	
Couplers	Decompression	
Electronics		
Transmission control	AUTOTRONIC 3	AUTOTRONIC 5
Instrument panel	DCC2	
Linkage controller	EHRC	AUTOTRONIC 5
Draft sensors	2	
Sensor capacity	6 T	
Datatronic	DATATRONIC 2 (optional)	DATATRONIC 3 (optional)
Dual control (front and rear)	optional	
TIC with/without draft sensor	optional	
Fieldstar	optional	-
Cab		
Suspension	optional	
Rear-view mirrors	manual (standard) or electric (optional)	
Air conditioning	manual (standard) or automatic (optional)	
Standard bonnet	Fixed	
Bonnet option	Hinged	
Standard roof	standard	
High-visibility roof	optional	
Reference (*): according to country		

SPECIFICATIONS - General specifications

Dyna-6

Engine	
Power at 2200 rpm, ISO hp (kW)	200 (147)
Brand	SISU EEM
Type	Citius 74CTA
Number of cylinders/displacement	6 / 7.4 Turbo
Injection pump	Bosch CP3.3
Fan	Vistronic fan
Intercooler	Air / air
Alternator	120 or 150 A
Gearbox	
Gearbox model	GBA15
Clutch/shuttle	Power Shuttle
Type	Dyna-6
AutoDrive	optional
Creeper unit 4/1	optional
Rear axle	
Axle model	GPA40
Final drives	HDE/Composite
Axle shaft Ø	110 mm
Straight shaft	standard
Brake discs per trumpet housing	1
Hand brake discs	6
ParkLock	optional
Differential lock	7" multidisc
Linkage	
Stabilisers	telescopic / with shoes / automatic (*)
Multi-hole drawbar	optional
3-point linkage	Cat. 2/3, hook or ball type (*)
Clevis hitch	Fast-setting or pin-adjusting scale (*)
Automatic clevis hitch	Fast-setting or pin-adjusting scale (*)
Hitch stud	Stud or auto-hitch (*)
Swinging drawbar	standard
Roller type swinging drawbar	optional
Power take-off	
Type	shiftable
540/1000/eco	-
540/750/1000	optional (*)
750/1000	optional (*)
Number of clutch discs	6
PTO brake	hydraulic
Proportional PTO	optional
Automated PTO	optional
Front power take-off	optional
Front axle	
Model	20.48
Type	fixed or suspended (optional)
Rotational direction	Clockwise

Number of clutch discs	6
Swivelling mudguard (4WD)	optional
2-wheel drive	optional
Front linkage (optional)	3.5 T or 5 T
Hydraulics	
Closed Centre 110 l/min	standard
Orbitrol steering	80 cc / 205 cc
Braking assistance	standard
Trailer brake	optional (*)
Auxiliary spool valves (maximum number)	4 electrohydraulic or 4 mechanical
Couplers	Decompression
Electronics	
Transmission control	AUTOTRONIC 5
Instrument panel	DCC2
Linkage controller	AUTOTRONIC 5
Draft sensors	2
Sensor capacity	6 T
Datatronic	DATATRONIC 3 (optional)
Dual control (front and rear)	optional
TIC with/without draft sensor	optional
Fieldstar	optional
Cab	
Suspension	optional
Rear-view mirrors	manual (standard) or electric (optional)
Air conditioning	manual (standard) or automatic (optional)
Standard bonnet	Fixed
Bonnet option	Hinged
Standard roof	standard
High-visibility roof	optional
Reference (*): according to country	

SPECIFICATIONS - General specifications

L . Model 6499

Dynashift

Engine	
Power at 2200 rpm, ISO hp (kW)	215 (158)
Brand	SISU EEM
Type	Fortius 74ETA
Number of cylinders/displacement	6 / 7.4 Turbo
Injection pump	Bosch VP44
Fan	Viscostatic or Vistronic
Intercooler	Air / air
Alternator	120 or 150 A
Gearbox	
Gearbox model	GBA10
Clutch/shuttle	Power Shuttle
Type	Dynashift
AutoDrive	optional
Creeper unit 4/1	optional
Rear axle	
Axle model	GPA30
Final drives	Composite
Axle shaft Ø	110 mm
Straight shaft	standard
Brake discs per trumpet housing	1
Hand brake discs	6
ParkLock	optional
Differential lock	7" multidisc
Linkage	
Stabilisers	telescopic / with shoes / automatic (*)
Multi-hole drawbar	optional
3-point linkage	Cat. 2/3, hook or ball type (*)
Clevis hitch	Fast-setting or pin-adjusting scale (*)
Automatic clevis hitch	Fast-setting or pin-adjusting scale (*)
Hitch stud	Stud or auto-hitch (*)
Swinging drawbar	standard
Roller type swinging drawbar	optional
Power take-off	
Type	shiftable
540/750/1000	optional (*)
750/1000	optional (*)
Number of clutch discs	6
PTO brake	hydraulic
Proportional PTO	optional
Automated PTO	optional
Front power take-off	optional
Front axle	
Model	20.48
Type	fixed or suspended (optional)

Rotational direction	Clockwise	
Number of clutch discs	7	
Swivelling mudguard (4WD)	optional	
2-wheel drive	optional	
Front linkage (optional)	3.5 T or 5 T	
Hydraulics		
Closed Centre 110 l/min	standard	
Orbitrol steering	80 cc / 205 cc	
Braking assistance	standard	
Trailer brake	optional (*)	
Auxiliary spool valves (maximum number)	4 electrohydraulic (2 SMS) or 4 mechanical	
Couplers	Decompression	
Electronics		
Transmission control	AUTOTRONIC 3	AUTOTRONIC 5
Instrument panel	DCC2	
Linkage controller	EHRC	AUTOTRONIC 5
Draft sensors	2	
Sensor capacity	6 T	
Datatronic	DATATRONIC 2 (optional)	DATATRONIC 3 (optional)
Dual control (front and rear)	optional	
TIC with/without draft sensor	optional	
Fieldstar	optional	-
Cab		
Suspension	optional	
Rear-view mirrors	manual (standard) or electric (optional)	
Air conditioning	manual (standard) or automatic (optional)	
Standard bonnet	Fixed	
Bonnet option	Hinged	
Standard roof	standard	
High-visibility roof	optional	
Reference (*): according to country		

SPECIFICATIONS - General specifications

Dyna-6

Engine	
Power at 2200 rpm, ISO hp (kW)	215 (158)
Brand	SISU EEM
Type	Citius 74CTA
Number of cylinders/displacement	6 / 7.4 Turbo
Injection pump	Bosch CP3.3
Fan	Vistronic fan
Intercooler	Air / air
Alternator	120 or 150 A
Gearbox	
Gearbox model	GBA15
Clutch/shuttle	Power Shuttle
Type	Dyna-6
AutoDrive	optional
Creeper unit 4/1	optional
Rear axle	
Axle model	GPA40
Final drives	HDE/Composite
Axle shaft Ø	110 mm
Straight shaft	standard
Brake discs per trumpet housing	1
Hand brake discs	6
ParkLock	optional
Differential lock	7" multidisc
Linkage	
Stabilisers	telescopic / with shoes / automatic (*)
Multi-hole drawbar	optional
3-point linkage	Cat. 2/3, hook or ball type (*)
Clevis hitch	Fast-setting or pin-adjusting scale (*)
Automatic clevis hitch	Fast-setting or pin-adjusting scale (*)
Hitch stud	Stud or auto-hitch (*)
Swinging drawbar	standard
Roller type swinging drawbar	optional
Power take-off	
Type	shiftable
540/1000/eco	
540/750/1000	optional (*)
750/1000	optional (*)
Number of clutch discs	6
PTO brake	hydraulic
Proportional PTO	optional
Automated PTO	optional
Front power take-off	optional
Front axle	
Model	20.48
Type	fixed or suspended (optional)
Rotational direction	Clockwise

Number of clutch discs	7
Swivelling mudguard (4WD)	optional
2-wheel drive	optional
Front linkage (optional)	3.5 T or 5 T
Hydraulics	
Closed Centre 110 l/min	standard
Orbitrol steering	80 cc / 205 cc
Braking assistance	standard
Trailer brake	optional (*)
Auxiliary spool valves (maximum number)	4 electrohydraulic or 4 mechanical
Couplers	Decompression
Electronics	
Transmission control	AUTOTRONIC 5
Instrument panel	DCC2
Linkage controller	AUTOTRONIC 5
Draft sensors	2
Sensor capacity	6 T
Datatronic	DATATRONIC 3 (optional)
Dual control (front and rear)	optional
TIC with/without draft sensor	optional
Fieldstar	optional
Cab	
Suspension	optional
Rear-view mirrors	manual (standard) or electric (optional)
Air conditioning	manual (standard) or automatic (optional)
Standard bonnet	Fixed
Bonnet option	Hinged
Standard roof	standard
High-visibility roof	optional
Reference (*): according to country	

SPECIFICATIONS - General specifications

1B11 - SPECIFICATIONS - Ground speeds

CONTENTS

A . 6445	3
Dynashift 16.9R38 tyres	3
6445 Dyna-6 - 19.4R38 tyres	3
B . 6455	4
Dyanshift 18.4R38 tyres	4
6455 Dyna-6 - 18.4R38 tyres	4
C . 6460, 6465, 6470	5
Dynashift 18.4R38 tyres	5
Dyna-6 18.4R38 tyres	5
D . 6475, 6480	6
Dynashift 20.8R38 tyres	6
Dyna-6 20.8R38 tyres	6
E . 6485	7
ND 20.8R42 tyres	7
6485 HD 20.8R42 tyres	7
F . 6490	8
HD 20.8R38 tyres	8
G . 6490, 6495, 6497	9
HDE 20.8R42 tyres	9
H . 6497, 6499	10
Composite 20.8R42 tyres	10

SPECIFICATIONS - Ground speeds

SPECIFICATIONS - Ground speeds

A . 6445

Dynashift 16.9R38 tyres

Ratio	Speeds at 2,200 rpm, forward and reverse position (kph)		
	Dynashift speeds	Creeper unit	Super creeper unit
Lo/1/A	2,03	0,51	0,14
B	2,38	0,59	0,17
C	2,81	0,70	0,20
D	3,29	0,82	0,23
2/A	3,45	0,86	0,25
B	4,04	1,01	0,29
C	4,77	1,19	0,34
D	5,59	1,40	0,40
3/A	4,55	1,14	0,32
B	5,32	1,33	0,38
C	6,28	1,57	0,45
D	7,35	1,84	0,52
4/A	6,15	1,54	0,44
B	7,20	1,80	0,51
C	8,50	2,13	0,60
D	9,95	2,49	0,71
Hi/1/A	7,62	-	-
B	8,92	-	-
C	10,53	-	-
D	12,32	-	-
2/A	12,95	-	-
B	15,16	-	-
C	17,89	-	-
D	20,94	-	-
3/A	17,04	-	-
B	19,95	-	-
C	23,55	-	-
D	27,56	-	-
4/A	23,06	-	-
B	26,99	-	-
C	31,86	-	-
D	37,29	-	-

6445 Dyna-6 - 19.4R38 tyres

Ratio	Speeds at 2,200 rpm, forward and reverse position (kph)		
	Dynashift speeds	Creeper unit	Super creeper unit
1/A	1,67	0,42	0,12
B	2,00	0,50	0,14
C	2,35	0,59	0,17
D	2,83	0,71	0,20
E	3,33	0,83	0,24
F	4,01	1,00	0,29
2/A	4,51	1,13	0,32
B	5,42	1,36	0,39
C	6,36	1,59	0,45
D	7,66	1,92	0,55
E	9,01	2,25	0,64
F	10,84	2,71	0,77
3/A	9,16	-	0,65
B	11,01	-	0,79
C	12,93	-	0,92
D	15,55	-	1,11
E	18,29	-	1,31
F	22,01	-	1,57
4/A	19,09	-	1,36
B	22,95	-	1,64
C	26,93	-	1,92
D	32,41	-	2,32
E	38,11	-	2,72
F	45,86*	-	3,28*

* : Ratio not authorised. The speed limit is ensured by the gearbox electronic control.

SPECIFICATIONS - Ground speeds

B . 6455

Dyanshift 18.4R38 tyres

Ratio	Speeds at 2,200 rpm, forward and reverse position (kph)		
	Dynashift speeds	Creeper unit	Super creeper unit
Lo/1/A	2,10	0,52	0,15
B	2,45	0,61	0,17
C	2,90	0,72	0,21
D	3,39	0,85	0,24
2/A	3,56	0,89	0,25
B	4,17	1,04	0,30
C	4,92	1,23	0,35
D	5,76	1,44	0,41
3/A	4,69	1,17	0,33
B	5,49	1,37	0,39
C	6,48	1,62	0,46
D	7,58	1,90	0,54
4/A	6,35	1,59	0,45
B	7,43	1,86	0,53
C	8,77	2,19	0,62
D	10,26	2,57	0,73
Hi/1/A	7,86	-	-
B	9,20	-	-
C	10,86	-	-
D	12,71	-	-
2/A	13,36	-	-
B	15,63	-	-
C	18,45	-	-
D	21,60	-	-
3/A	17,58	-	-
B	20,57	-	-
C	24,29	-	-
D	28,42	-	-
4/A	23,79	-	-
B	27,84	-	-
C	32,86	-	-
D	38,46	-	-

6455 Dyna-6 - 18.4R38 tyres

Ratio	Speeds at 2,200 rpm, forward and reverse position (kph)		
	Dyna-6 speeds	Creeper unit	Super creeper unit
1/A	1,67	0,42	0,12
B	2,00	0,50	0,14
C	2,35	0,59	0,17
D	2,83	0,71	0,20
E	3,33	0,83	0,24
F	4,01	1,00	0,29
2/A	4,51	1,13	0,32
B	5,42	1,36	0,39
C	6,36	1,59	0,45
D	7,66	1,92	0,55
E	9,01	2,25	0,64
F	10,84	2,71	0,77
3/A	9,16	-	0,65
B	11,01	-	0,79
C	12,93	-	0,92
D	15,55	-	1,11
E	18,29	-	1,31
F	22,01	-	1,57
4/A	19,09	-	1,36
B	22,95	-	1,64
C	26,93	-	1,92
D	32,41	-	2,32
E	38,11	-	2,72
F	45,86*	-	3,28*

* : Ratio not authorised. The speed limit is ensured by the gearbox electronic control.

SPECIFICATIONS - Ground speeds

C . 6460, 6465, 6470

Dynashift 18.4R38 tyres

Ratio	Speeds at 2,200 rpm, forward and reverse position (kph)		
	Dynashift speeds	Creeper unit	Super creeper unit
Lo/1/A	2,17	0,54	0,15
B	2,54	0,63	0,18
C	2,99	0,75	0,21
D	3,50	0,88	0,25
2/A	3,27	0,82	0,23
B	3,83	0,96	0,27
C	4,52	1,13	0,32
D	5,29	1,32	0,38
3/A	4,85	1,21	0,34
B	5,67	1,42	0,40
C	6,70	1,67	0,47
D	7,84	1,96	0,56
4/A	7,52	1,88	0,53
B	8,80	2,20	0,62
C	10,39	2,60	0,74
D	12,16	3,04	0,86
Hi/1/A	8,12	-	-
B	9,51	-	-
C	11,22	-	-
D	13,13	-	-
2/A	12,27	-	-
B	14,36	-	-
C	16,95	-	-
D	19,84	-	-
3/A	18,16	-	-
B	21,26	-	-
C	25,09	-	-
D	29,37	-	-
4/A	28,18	-	-
B	32,98	-	-
C	38,93	-	-
D	-	-	-

Dyna-6 18.4R38 tyres

Ratio	Speeds at 2,200 rpm, forward and reverse position (kph)		
	Dyna-6 speeds	Creeper unit	Super creeper unit
1/A	1,67	0,42	0,12
B	2,00	0,50	0,14
C	2,35	0,59	0,17
D	2,83	0,71	0,20
E	3,33	0,83	0,24
F	4,01	1,00	0,29
2/A	4,51	1,13	0,32
B	5,42	1,36	0,39
C	6,36	1,59	0,45
D	7,66	1,92	0,55
E	9,01	2,25	0,64
F	10,84	2,71	0,77
3/A	9,16	-	0,65
B	11,01	-	0,79
C	12,93	-	0,92
D	15,55	-	1,11
E	18,29	-	1,31
F	22,01	-	1,57
4/A	19,09	-	1,36
B	22,95	-	1,64
C	26,93	-	1,92
D	32,41	-	2,32
E	38,11	-	2,72
F	45,86*	-	3,28*

* : Ratio not authorised. The speed limit is ensured by the engine electronic control.

SPECIFICATIONS - Ground speeds

D . 6475, 6480

Dynashift 20.8R38 tyres

Ratio	Speeds at 2,200 rpm, forward and reverse position (kph)		
	Dynashift speeds	Creeper unit	Super creeper unit
Lo/1/A	2,21	0,55	0,16
B	2,59	0,65	0,18
C	3,06	0,76	0,22
D	3,58	0,89	0,25
2/A	3,34	0,84	0,24
B	3,91	0,98	0,28
C	4,62	1,15	0,33
D	5,40	1,35	0,38
3/A	4,95	1,24	0,35
B	5,79	1,45	0,41
C	6,83	1,71	0,48
D	8,00	2,00	0,57
4/A	7,67	1,92	0,54
B	8,98	2,24	0,64
C	10,60	2,65	0,75
D	12,41	3,10	0,88
Hi/1/A	8,29	-	-
B	9,70	-	-
C	11,45	-	-
D	13,40	-	-
2/A	12,52	-	-
B	14,65	-	-
C	17,30	-	-
D	20,25	-	-
3/A	18,54	-	-
B	21,70	-	-
C	25,61	-	-
D	29,98	-	-
4/A	28,76	-	-
B	33,66	-	-
C	39,73	-	-
D	-	-	-

Dyna-6 20.8R38 tyres

Ratio	Speeds at 2,200 rpm, forward and reverse position (kph)		
	Dyna-6 speeds	Creeper unit	Super creeper unit
1/A	1,58	0,40	0,11
B	1,90	0,48	0,14
C	2,24	0,56	0,16
D	2,69	0,67	0,19
E	3,16	0,79	0,23
F	3,81	0,95	0,27
2/A	4,28	1,07	0,31
B	5,15	1,29	0,37
C	6,05	1,51	0,43
D	7,28	1,82	0,52
E	8,56	2,14	0,61
F	10,30	2,58	0,74
3/A	8,70	-	0,62
B	10,46	-	0,75
C	12,28	-	0,88
D	14,78	-	1,06
E	17,38	-	1,24
F	20,91	-	1,49
4/A	19,53	-	1,40
B	23,48	-	1,68
C	27,56	-	1,97
D	33,16	-	2,37
E	39,00	-	2,79
F	46,93*	-	3,35*

* : Ratio not authorised. The speed limit is ensured by the engine electronic control.

SPECIFICATIONS - Ground speeds

E . 6485

ND 20.8R42 tyres

Ratio	Speeds at 2,200 rpm, forward and reverse position (kph)	
	Dynashift speeds	Creeper unit
Lo/1/A	2,55	0,62
B	2,99	0,73
C	3,53	0,86
D	4,13	1,01
2/A	3,86	0,94
B	4,52	1,11
C	5,34	1,30
D	6,24	1,53
3/A	5,52	1,35
B	6,46	1,58
C	7,62	1,86
D	8,92	2,18
4/A	7,99	1,95
B	9,35	2,29
C	11,04	2,70
D	12,92	3,16
Hi/1/A	9,83	-
B	11,51	-
C	13,59	-
D	15,90	-
2/A	14,87	-
B	17,40	-
C	20,54	-
D	24,04	-
3/A	21,24	-
B	24,86	-
C	29,34	-
D	34,35	-
4/A	30,76	-
B	36,00	-
C	42,50	-
D	-	-

6485 HD 20.8R42 tyres

Ratio	Speeds at 2,200 rpm, forward and reverse position (kph)	
	Dynashift speeds	Creeper unit
Lo/1/A	2,52	0,62
B	2,95	0,72
C	3,48	0,85
D	4,07	1,00
2/A	3,81	0,93
B	4,45	1,09
C	5,26	1,29
D	6,15	1,50
3/A	5,44	1,33
B	6,36	1,56
C	7,51	1,84
D	8,79	2,15
4/A	7,87	1,93
B	9,22	2,25
C	10,88	2,66
D	12,73	3,11
Hi/1/A	9,69	-
B	11,34	-
C	13,39	-
D	15,67	-
2/A	14,65	-
B	17,15	-
C	20,24	-
D	23,69	-
3/A	20,93	-
B	24,50	-
C	28,92	-
D	33,85	-
4/A	30,32	-
B	35,48	-
C	41,88	-
D	-	-

SPECIFICATIONS - Ground speeds

F . 6490

HD 20.8R38 tyres

Ratio	Speeds at 2,200 rpm, forward and reverse position (kph)	
	Dynashift speeds	Creeper unit
Lo/1/A	2,38	0,58
B	2,78	0,68
C	3,29	0,80
D	3,85	0,94
2/A	3,60	0,88
B	4,21	1,03
C	4,97	1,21
D	5,82	1,42
3/A	5,14	1,26
B	6,01	1,47
C	7,10	1,74
D	8,31	2,03
4/A	7,44	1,82
B	8,71	2,13
C	10,28	2,51
D	12,03	2,94
Hi/1/A	9,16	-
B	10,72	-
C	12,65	-
D	14,81	-
2/A	13,85	-
B	16,21	-
C	19,13	-
D	22,39	-
3/A	19,78	-
B	23,15	-
C	27,33	-
D	31,99	-
4/A	28,65	-
B	33,53	-
C	39,58	-
D	-	-

SPECIFICATIONS - Ground speeds

G . 6490, 6495, 6497

HDE 20.8R42 tyres

Ratio	Speeds at 2,200 rpm, forward and reverse position (kph)	
	Dynashift speeds	Creeper unit
Lo/1/A	2,36	0,58
B	2,76	0,68
C	3,26	0,80
D	3,82	0,93
2/A	3,57	0,87
B	4,18	1,02
C	4,93	1,21
D	5,77	1,41
3/A	5,10	1,25
B	5,97	1,46
C	7,05	1,72
D	8,25	2,02
4/A	7,39	1,81
B	8,65	2,11
C	10,21	2,50
D	11,95	2,92
Hi/1/A	9,09	-
B	10,64	-
C	12,56	-
D	14,70	-
2/A	13,75	-
B	16,09	-
C	18,99	-
D	22,23	-
3/A	19,64	-
B	22,99	-
C	27,13	-
D	31,76	-
4/A	28,44	-
B	33,29	-
C	39,30	-
D	-	-

SPECIFICATIONS - Ground speeds

H . 6497, 6499

Composite 20.8R42 tyres

Ratio	Speeds at 2,200 rpm, forward and reverse position (kph)	
	Dynashift speeds	Creeper unit
Lo/1/A	2,35	0,57
B	2,75	0,67
C	3,25	0,79
D	3,80	0,93
2/A	3,55	0,87
B	4,16	1,02
C	4,91	1,20
D	5,75	1,41
3/A	5,08	1,24
B	5,94	1,45
C	7,01	1,72
D	8,21	2,01
4/A	7,35	1,80
B	8,61	2,10
C	10,16	2,48
D	11,89	2,91
Hi/1/A	9,05	-
B	10,59	-
C	12,50	-
D	14,63	-
2/A	13,68	-
B	16,02	-
C	18,90	-
D	22,13	-
3/A	19,55	-
B	22,88	-
C	27,01	-
D	31,61	-
4/A	28,31	-
B	33,14	-
C	39,11	-
D	-	-

1B12 - SPECIFICATIONS - Dimensions

CONTENTS

A . Adjusting track width	3
6445, 6455, 6460, 6465, 6470, 6475, 6480, 6485, 6490, 6495 (welded steel discs)	3
6497, 6499 straight axle shafts (welded steel discs	4
and semi-drop centre cast iron disc)	4
B . Attachment points and dimensions	5
6445/6455/6460/6470 Dynashift	5
6445 / 6455 / 6460 / 6470 Dyna-6	6
6465/6475/6480 Dynashift	7
6465/6475/6480 Dyna-6	8
6485/6490/6495 Dynashift	9
6497/6499 Dynashift	10

SPECIFICATIONS - Dimensions

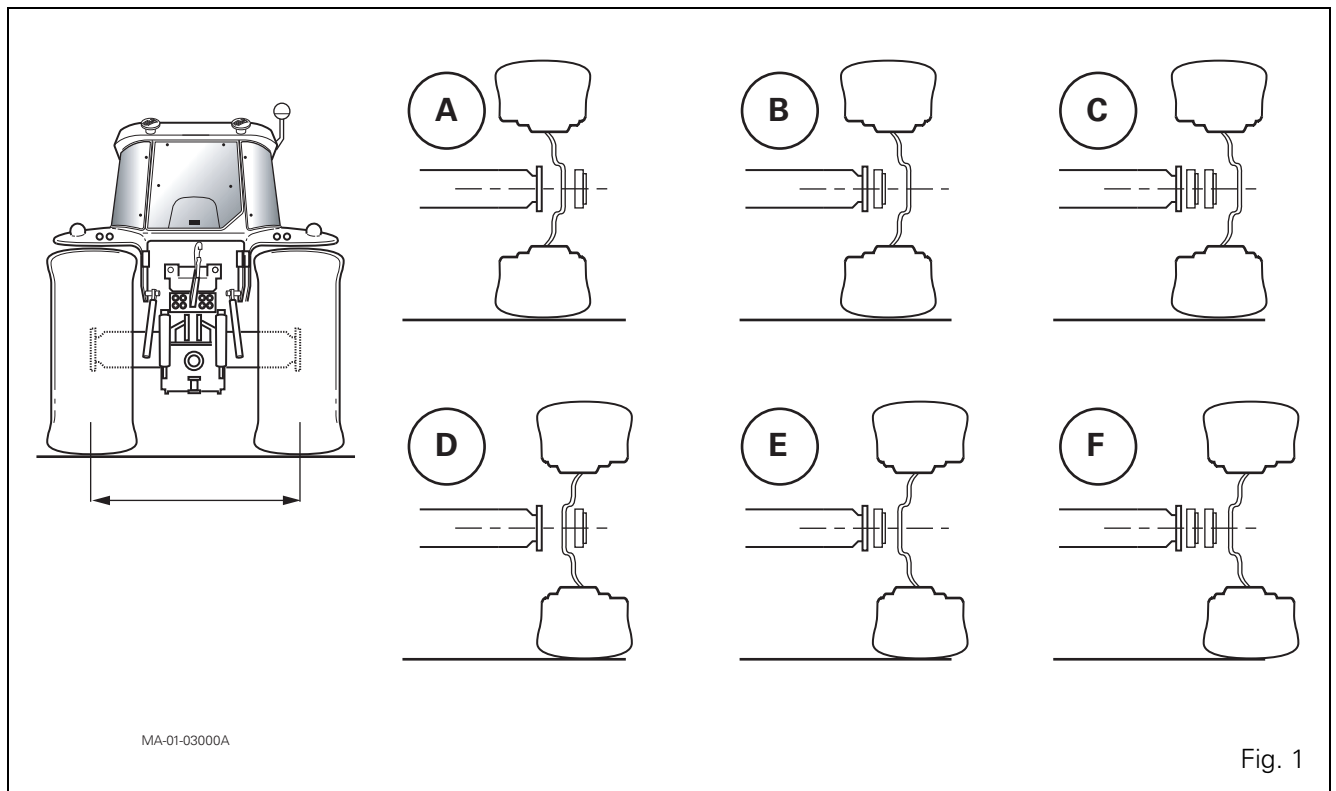
SPECIFICATIONS - Dimensions

A . Adjusting track width

Note : Distance in mm measured between tyre centres.

6445, 6455, 6460, 6465, 6470, 6475, 6480,
6485, 6490, 6495 (welded steel discs)

Model	6445	6455	6460	6465	6470	6475	6480	6485	6485	6490	6490	6495
Type of final drive units	HD	HD	HD	HD	HD	SHD	SHD	ND	HD	HD	HDE	HDE
Assembly with rim offset turned inwards (Fig. 1)												
Without spacer (A)	1622					1685		1758	1790		1812	
With 1 spacer (B)	1708					1771		1808	1840		1862	
With 2 spacers (C)	-					-		1858	1890		1912	
Assembly with rim offset turned outwards (Fig. 1)												
Without spacer (D)	1952					2015		2088	2120		2142	
With 1 spacer (E)	2038					2101		2138	2170		2192	
With 2 spacers (F)	-					-		2188	2220		2242	
Spacer width	43mm / spacer							25mm / spacer				
Wheel attachment	8-hole flange, Ø 203.2							8-hole flange, Ø 275				
Rim offset 75mm, disc thickness 15mm												



MA-01-03000A

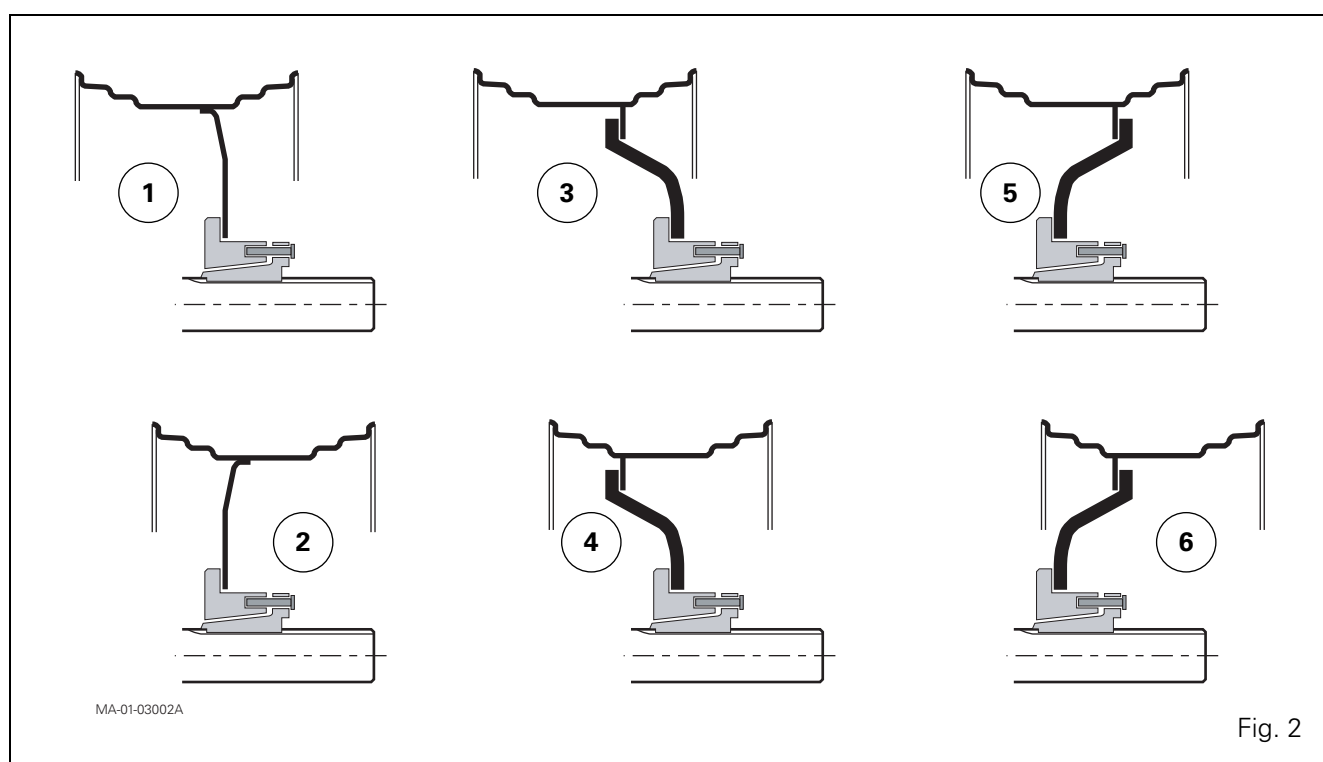
Fig. 1

SPECIFICATIONS - Dimensions

6497, 6499 straight axle shafts (welded steel discs
and semi-drop centre cast iron disc)

Welded steel discs (Fig. 2)						
Type	HDE trumpet housings			Composite trumpet housings		
	Min.	Max.		Min.	Max.	
		Short shaft	Long shaft		Short shaft	Long shaft
Inwards rim offset (1)	1685	1991	3065	1662	2052	2724
Outwards rim offset (2)	2015	2321	3395	1992	2382	3054

Semi-drop centre cast iron discs (Fig. 2)							
Type		HDE trumpet housings			Composite trumpet housings		
		Min.	Max.		Min.	Max.	
			Short shaft	Long shaft		Short shaft	Long shaft
Inwards disc offset	Inwards rim offset (3)	1504	1808	2882	1448	1837	2509
	Outwards rim offset (4)	1834	2138	3208	1778	2167	2839
Outwards disc offset	Inwards rim offset (5)	1978	2282	3356	1922	2312	2984
	Outwards rim offset (6)	2308	2612	3686	2252	2642	3314



B . Attachment points and dimensions

6445/6455/6460/6470 Dynashift

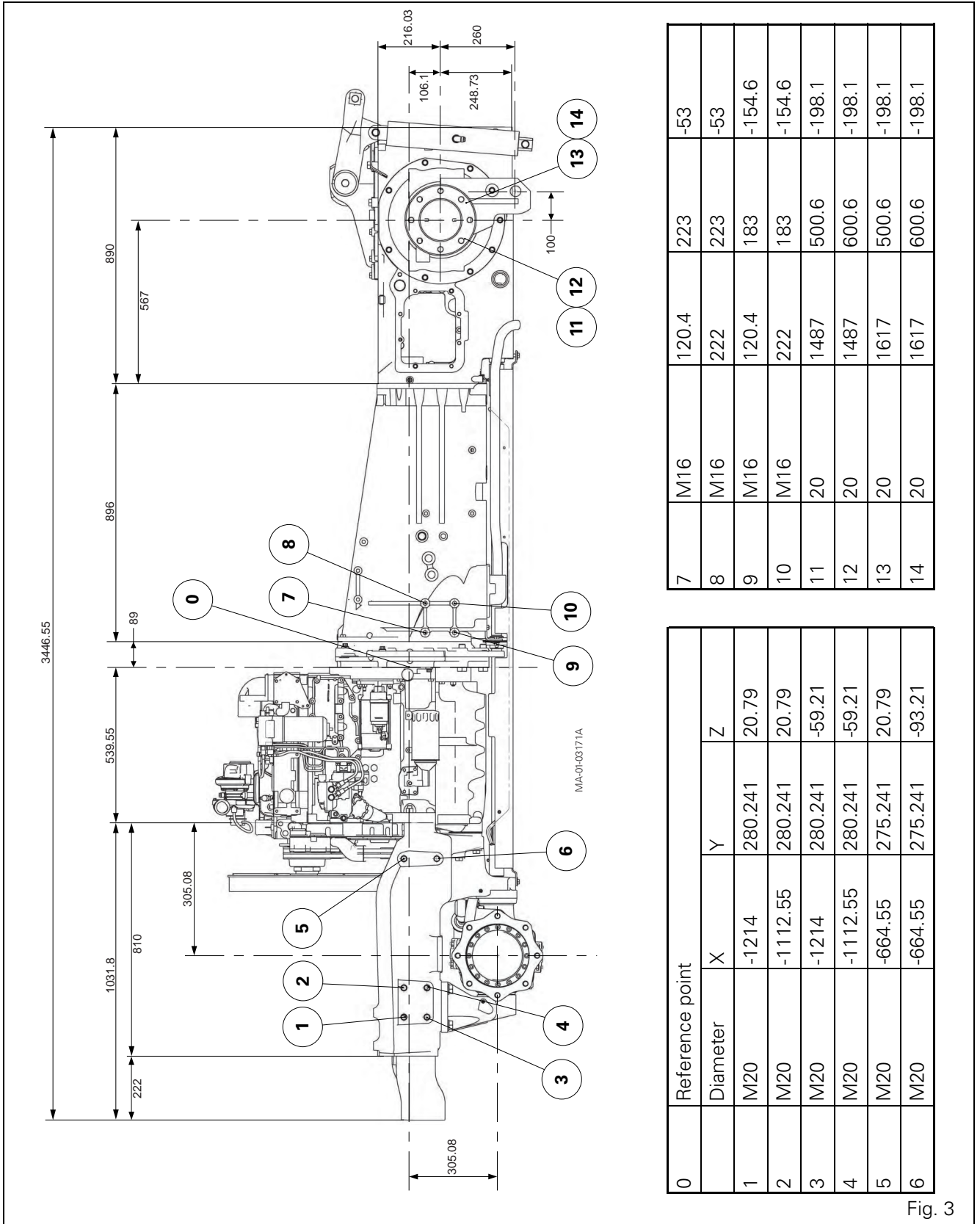


Fig. 3

SPECIFICATIONS - Dimensions

6445 / 6455 / 6460 / 6470 Dyna-6

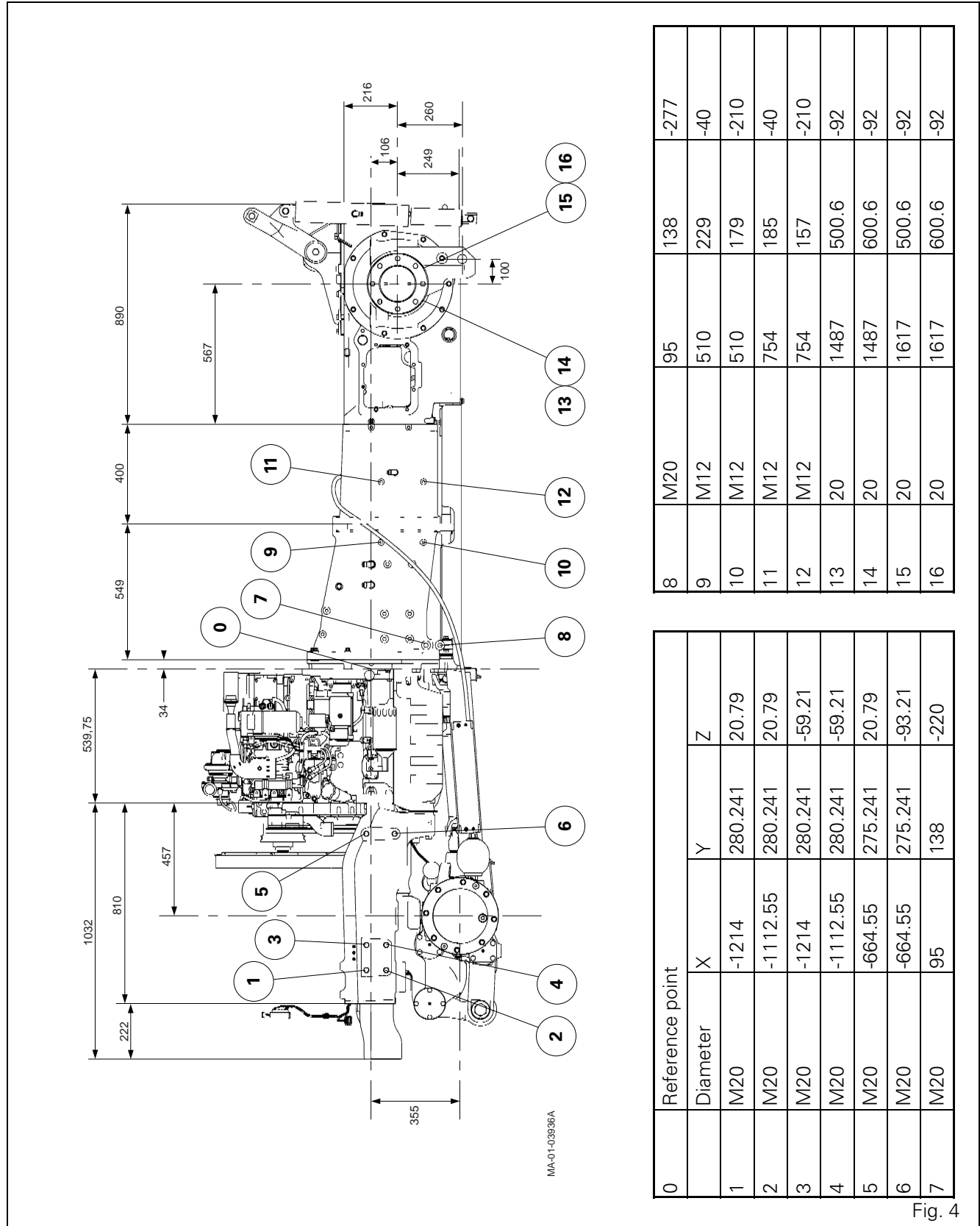


Fig. 4

SPECIFICATIONS - Dimensions

6465/6475/6480 Dynashift

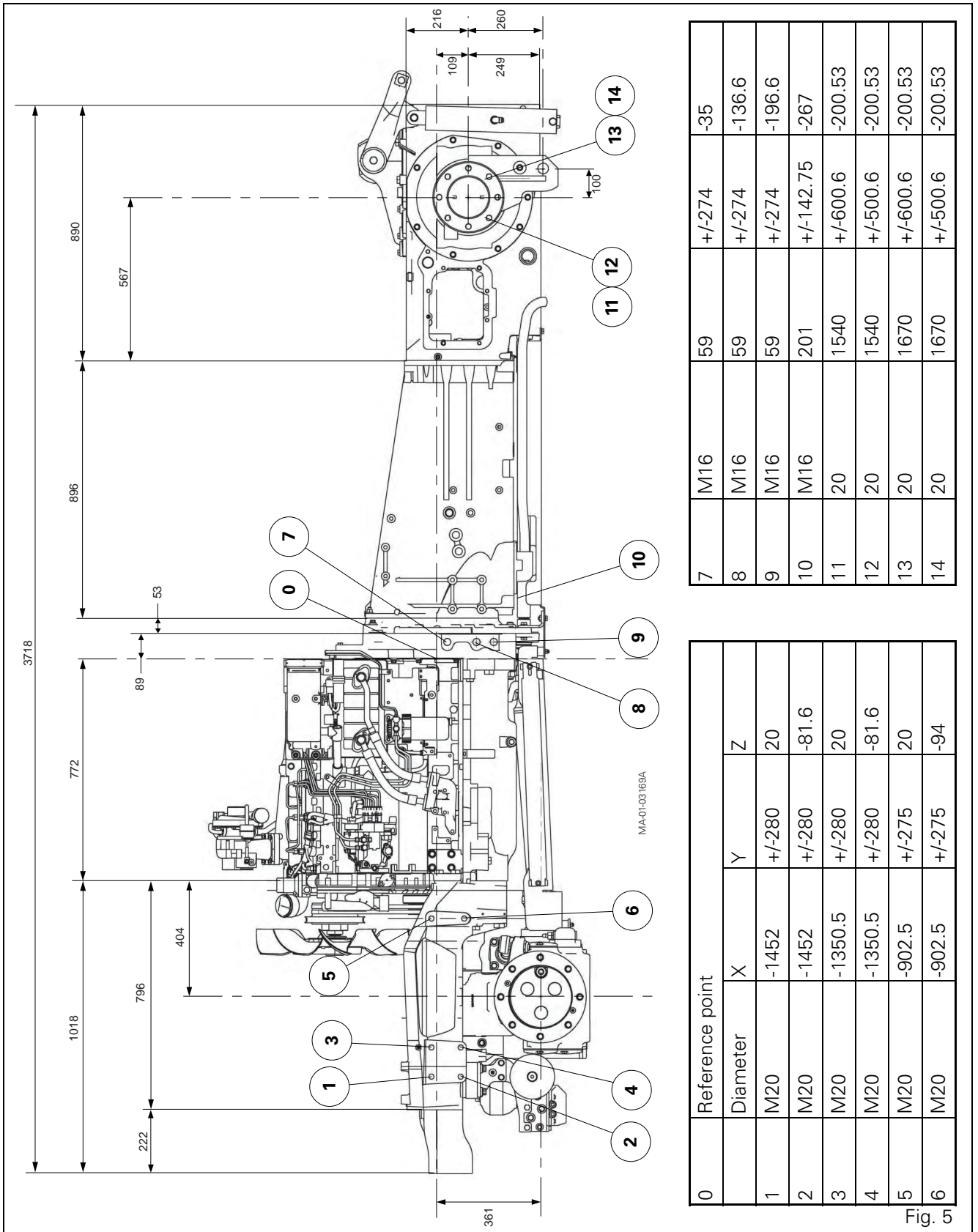
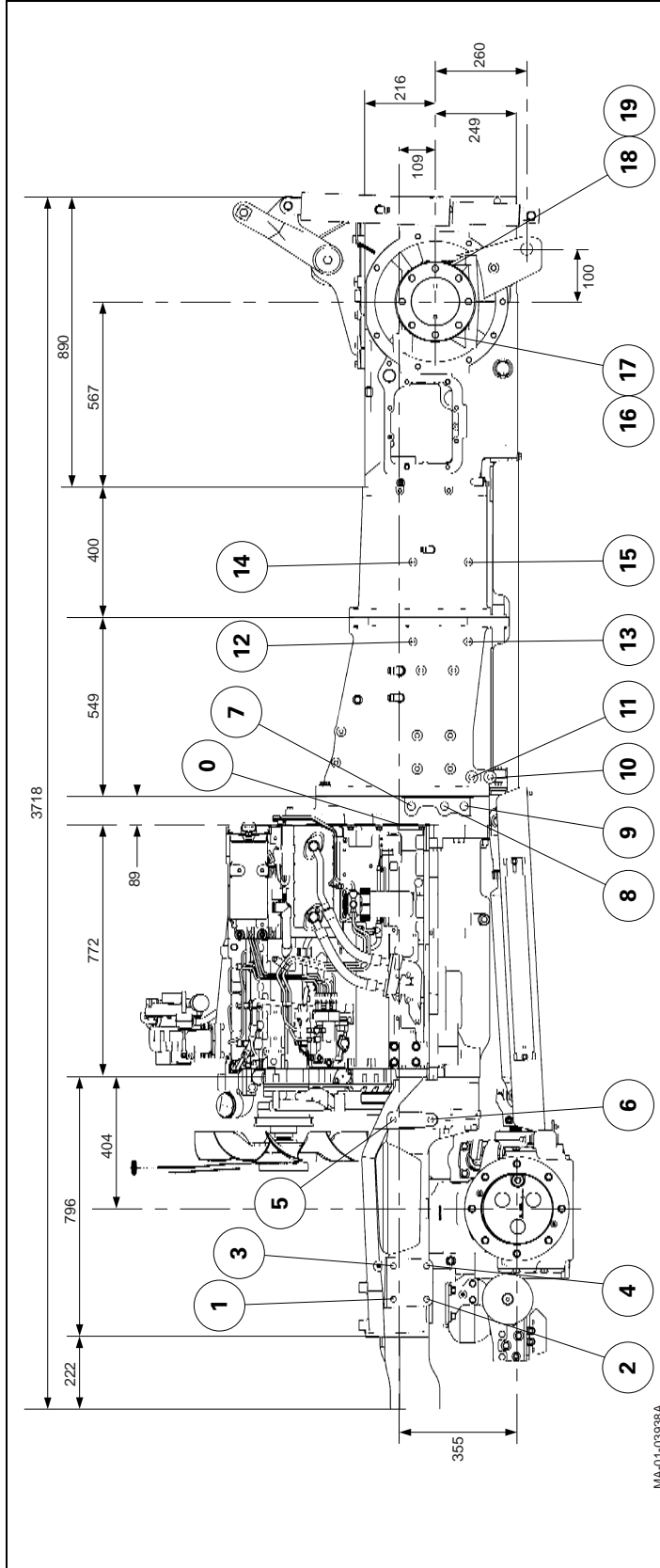


Fig. 5

SPECIFICATIONS - Dimensions

6465/6475/6480 Dyna-6



MA-01-03838A

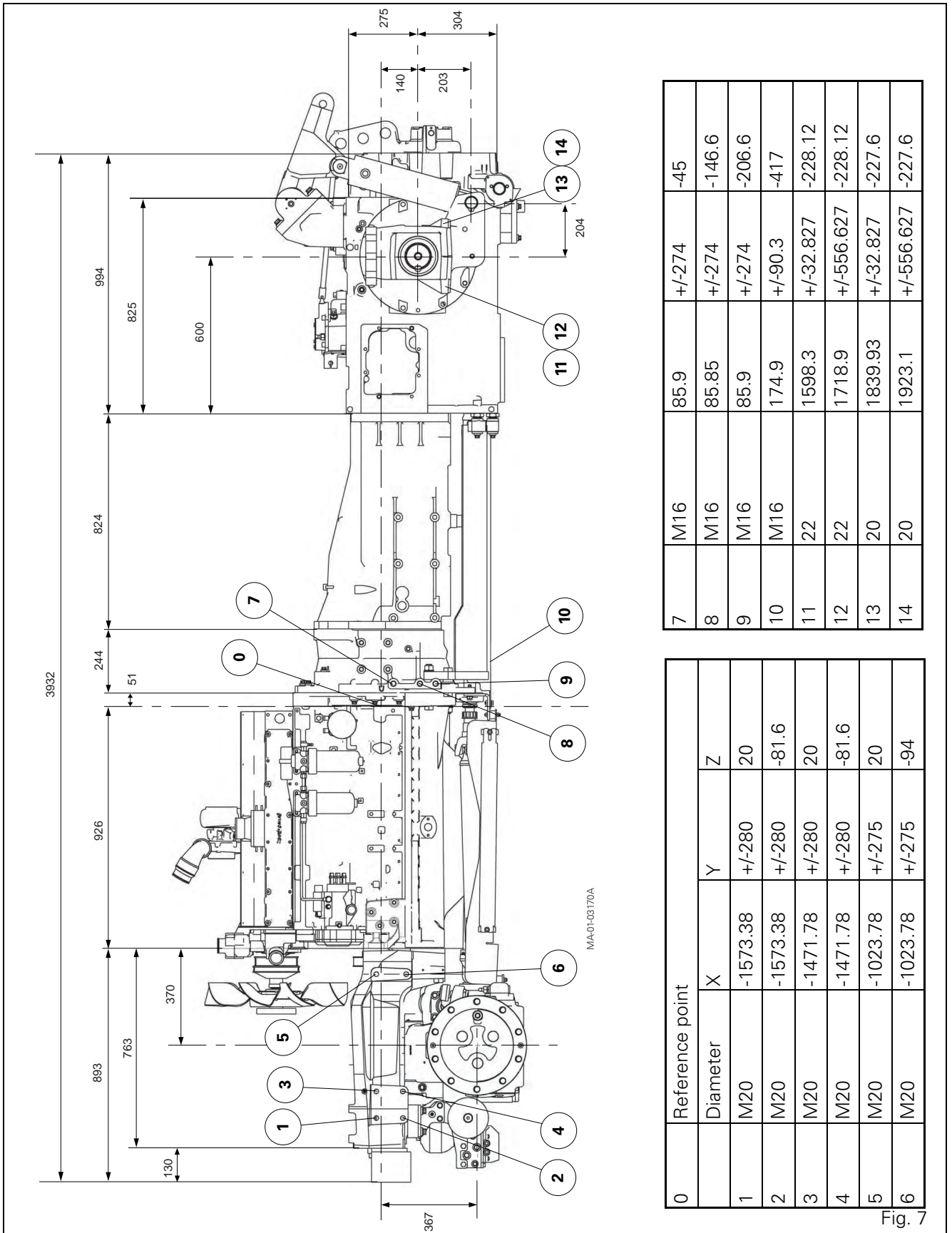
Reference point	X	Y	Z
0			
1	-1452	+/-280	20
2	-1452	+/-280	-81.6
3	-1350.5	+/-280	20
4	-1350.5	+/-280	-81.6
5	-902.5	+/-275	20
6	-902.5	+/-275	-94
7	59	+/-274	-35
8	59	+/-274	-136.6
9	59	+/-274	-196.6

10	M20	+/-138	-277
11	M20	+/-138	-220
12	M12	+/-229	40
13	M12	+/-179	-210
14	M12	+/-185	-40
15	M12	+/-157	-210
16	20	+/-600.6	-200.53
17	20	+/-500.6	-200.53
18	20	+/-600.6	-200.53
19	20	+/-500.6	-200.53

Fig. 6

SPECIFICATIONS - Dimensions

6485/6490/6495 Dynashift



SPECIFICATIONS - Dimensions

6497/6499 Dynashift

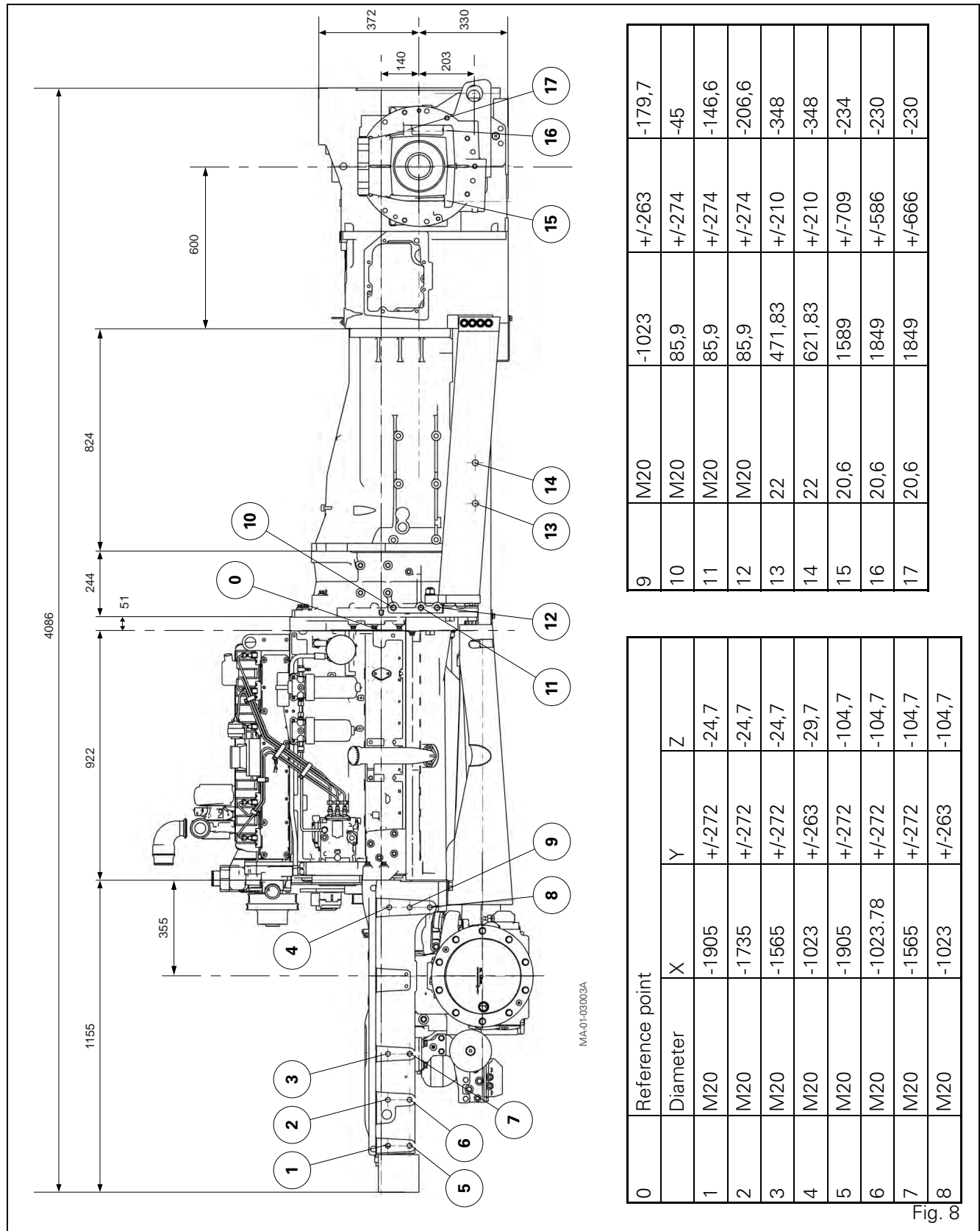


Fig. 8

1B13- SPECIFICATIONS - Capacities

CONTENTS

A . Capacities 3

SPECIFICATIONS - Capacities

SPECIFICATIONS - Capacities

A . Capacities

	Engine oil	Engine cooling	Transmission oil	Front axle	Front final drive units	Fuel tank	Additional tank	Windshield washer	Air conditioning
6445	8	16.6	68 (Dynashift) 63 (Dyna-6)	5.5	2X0.9	150	50	4	1550
6455	8	16.6	68 (Dynashift) 63 (Dyna-6)	5.5	2X0.9	150	50	4	1550
6460	8	16.6	68 (Dynashift) 63 (Dyna-6)	5.5	2X1.1	150	50	4	1550
6470	8	16.6	68 (Dynashift) 63 (Dyna-6)	5.5	2X1.1	150	50	4	1550
6465	14.5	25.6	72 (Dynashift) 65 (Dyna-6)	fixed 6 susp 8.5	fixed 2X0.7 susp 2X0.6	270	-	4	1550
6475	14.5	25.6	72 (Dynashift) 65 (Dyna-6)	fixed 6 susp 8.5	fixed 2X0.7 susp 2X0.6	270	-	4	1550
6480	14.5	25.6	72 (Dynashift) 65 (Dyna-6)	fixed 6 susp 8.5	fixed 2X1.5 susp 2X1.3	270	-	4	1550
6485	20	34	109 (ND) 108 (HD)	fixed 6 susp 8.5	fixed 2X1.5 susp 2X1.3	380	-	4	1550
6490	20	34	108 (HD) 107 (HDE)	fixed 6 susp 8.5	fixed 2X1.5 susp 2X1.3	380	-	4	1550
6495	20	34	108 (HDE)	fixed 6 susp 8.5	fixed 2X1.5 susp 2X1.6	380	-	4	1550
6497	20	34	147 (HDE)	fixed 6 susp 8.5	fixed 2X1.5 susp 2X1.6	410	-	4	1550
6499	19	34	142	fixed 10 susp 10	fixed 2X1.9 susp 2X1.9	410	-	4	1550
Rear final drive units for 6490 HDE, 6495 and 6497 HDE: 2 X 3.6 litres; for 6499: 2 X 4.5 Litres									
Value in litres, and in grammes for the air conditioning circuit									

SPECIFICATIONS - Capacities

1C10- Miscellaneous

CONTENTS

A . Conversion tables 3

B . Retaining compounds and sealing products..... 4

C . Tightening torques 5

Miscellaneous

A . Conversion tables

LENGTH		
multiply by		
mm	x 0.0394	in
in	x 25,400	mm
m	x 3.2808	ft
ft	x 0.3048	m
km	x 0.6214	mile
mile	x 1.6093	km

SURFACE AREA		
multiply by		
mm ²	x 0.0016	in ²
in ²	x 645.16	mm ²
m ²	x 10,764	ft ²
ft ²	x 0.0929	m ²
ha	x 2.4711	acre
acre	x 0.4047	ha

VOLUME		
multiply by		
cm ³	x 0.06102	in ³
in ³	x 16,387	cm ³
m ³	x 35,315	ft ³
ft ³	x 0.0283	m ³

CAPACITY		
multiply by		
ml	x 0.0351	liquid oz
liquid oz	x 28,413	ml
litre	x 0.2200	imp. gal.
imp. gal.	x 4.5640	litre
litre	x 0.2640	gal. English US
gal. English US	x 3.7850	litre
imp. gal.	x 1.2010	gal. English US
gal. English US	x 0.8330	imp. gal.

POWER		
multiply by		
ps	x 0.9863	ch
ch	x 1.0139	ps
kW	x 1.3410	ch
ch	x 0.7457	kW

TORQUE		
multiply by		
Nm	x 738	lbf ft
lbf ft	x 1,356	Nm

PRESSURE		
multiply by		
bar	x 14,504	lbf/in ²
lbf/in ²	x 0.0690	bar

SPEED		
multiply by		
kph	x 0.6214	mph
mph	x 1.6093	kph

WEIGHT		
multiply by		
gramme	x 0.0353	oz
oz	x 28,350	gramme
kg	x 2.2046	pound
pounds	x 0.4536	kg
kg	x 0.00098	British ton
British ton	x 1016.1	kg
ton (metric)	x 0.9842	British ton
British ton	x 1,016	ton (metric)

TEMPERATURE		
°C	°C x 1.8 + 32	°F
°F	(°F - 32)/1.8	°C

Miscellaneous

B . Retaining compounds and sealing products

The Loctite compounds mentioned in this manual are referred to by their industrial name.

For repair purposes, use their commercial names or the corresponding AGCO references listed in the following table:

Loctite industrial name	Description name
270	Stud lock
242	Lock and Seal
Silicone AS 310	Clear silicone
5910 black silicone trumpet sealant	Blacktite
510 mating face sealant	Formajoint Masterjoint
518 mating face sealant	Unijoint Masterjoint

NOTE: use the product "Form A gasket 2" when sealing between plastic material and cast iron (or steel).

These products can be ordered from the following address:

Henkel Loctite France S.A.
10, avenue Eugène Gazeau
BP 40090
F-60304 Senlis Cedex, FRANCE

Application method for Loctite products

1. Remove all traces of previous sealants and corrosion
 - mechanically: wire brush or emery cloth
 - chemically: "DECAPLOC 88"Leave the product to take effect and then wipe clean.
2. Degrease the components with dry solvent
 - preferably, use "Super Solvant Sec LOCTITE 706".
3. Allow the solvents to evaporate
4. Apply the recommended type of LOCTITE product to the parts:
 - for blind tapped holes, apply a quantity of the product to the last threads at the bottom of the hole
 - for cylindrical fittings, apply the product on the two mating faces using a clean brush
 - for mating faces, apply a bead to one of the two faces, circling the holes, and then tighten as quickly as possible

NOTA:

- Do not use too much of the compound in order to avoid locking adjacent parts.
- Do not attempt to retighten after 5 minutes of curing, in order to avoid breaking the film of compound.
- If the ambient temperature is less than +10°C, and to ensure quicker setting of Loctite compounds, (except SILICOMET), use LOCTITE T 747 activator on at least one of the two parts. Excess sealant outside the joint will not harden (anaerobic curing of the compound – i.e. curing takes place only in absence of oxygen).

Grease

When grease is used in components which are in contact with transmission oil, use grease which is miscible with oil to avoid clogging the hydraulic filters. Use "Amber Technical" grease supplied by: WITCO company, 76320 Saint-Pierre des Elfes, France.

C . Tightening torques

Use the tightening torques for screws and nuts as indicated in the tables:

- 1 and 2 for metric threads
- 3 and 4 for inch-system threads

When a specific torque is required, it is stated in the text.

Tables 1 and 3 indicate the normal tightening torque values to apply to threaded zinc-plated elements, with normal nuts, with coarse or fine threads, with or without a flat washer or lockwasher, and weldable nuts more than 0.8 d high.

Tables 2 and 4 indicate the reduced tightening torque values to apply to threaded elements in assemblies with zinc-plated self-locking locknuts, phosphate-coated nuts and screws, thin nuts, weldable nuts less than 0.8 d high.

These values are to be applied to dry assemblies. If the threads are oiled, reduce the tightening torques.

NOTA: Read the tensile grade on the screw head to determine the corresponding tightening torque.

Example:



Miscellaneous

Table 1: Tightening torque values. Zinc-plated metric threads

Nominal dimension d	Tensile grade		Tensile grade	
	ISO 8.8 (SAE 5, BS S)		ISO 10.9 (SAE 8, BS V)	
	Torque Nm		Torque Nm	
	Min	Max	Min	Max
M3	1.3	1.7	1	2.4
M4	3.1	4.1	4	5.7
M5	6	8	8	11.5
M6	10	14	14	20
M8	25	35	36	46
M10	50	70	72	96
M12	90	120	120	160
M16	200	260	300	400
M20	420	560	600	800
M24	720	960	1000	1300
M30	1400	1800	2100	2800
M36	2500	3300	3600	4800

Table 2: Reduced tightening torque values. Metric threads

Nominal dimension d	Tensile grade		Tensile grade	
	ISO 8.8 (SAE 5, BS S)		ISO 10.9 (SAE 8, BS V)	
	Torque Nm		Torque Nm	
	Min	Max	Min	Max
M3	1	1.4	1	1.9
M4	2.5	3.3	3	4.6
M5	4.8	6.4	6	9.2
M6	8	11	12	16
M8	20	28	29	37
M10	40	56	57	77
M12	72	96	100	130
M16	160	210	240	320
M20	340	450	480	640
M24	570	770	800	1040
M30	1100	1400	1700	2200
M36	2000	2600	2900	3800

Table 3: Tightening torque values. Zinc-plated inch system threads

Nominal dimension d	Tensile grade		Tensile grade	
	SAE 5 (ISO 8.8, BS S)		SAE 8 (ISO 10.9, BS V)	
	Torque Nm		Torque Nm	
	Min	Max	Min	Max
#6	1.8	2.4	2	3.3
#8	3.4	4.4	4	6.3
#10	4.7	6.3	6	8.9
1/4	11	15	16	22
5/16	22	30	31	43
3/8	39	53	55	75
7/16	64	86	90	120
1/2	100	130	140	180
5/8	200	260	280	370
3/4	350	460	490	660
7/8	560	760	800	1060
1	840	1120	1200	1600
1 1/8	1050	1390	1700	2200
1 1/4	1500	2000	2400	3200
1 1/2	2600	3400	4100	5400

Table 4: Reduced tightening torque values. Inch-system threads

Nominal dimension d	Tensile grade		Tensile grade	
	SAE 5 (ISO 8.8, BS S)		SAE 8 (ISO 10.9, BS V)	
	Torque Nm		Torque Nm	
	Min	Max	Min	Max
#6	1.5	1.9	2	2.6
#8	2.7	3.5	3	5
#10	3.8	5	5	7.1
1/4	8.8	12	13	18
5/16	18	24	25	34
3/8	31	42	44	60
7/16	51	69	72	96
1/2	80	104	110	140
5/8	160	210	220	300
3/4	280	370	390	530
7/8	450	610	640	850
1	670	900	960	1280
1 1/8	840	1100	1360	1760
1 1/4	1200	1600	1920	2560
1 1/2	2100	2700	3280	4320

Miscellaneous
