

AGRI PLUS

DIECI AGRI PLUS TELEHANDLER 4T / 7 M



40.7

DIECI
AUSTRALIA

PERFORMANCE

Machine model	AGRI PLUS 40.7
Maximum capacity	4000 kg (8818 lb)
Maximum lifting height on wheels	7.06 m (23.2 ft)
Maximum horizontal extension on wheels	3.90 m (12.8 ft)
Fork swiveling angle	146°
Pull-out force	6000 daN (13489 lbf)
Towing force	8200 daN (18434 lbf)
Maximum climb angle	60%
Unladen weight	7700 kg (16976 lb)
Max speed (referred to wheels with maximum permitted diameter)	40 km/h (24.9 mph)

BOOM

Machine model	AGRI PLUS 40.7
Lifting	6.6 s
Getting off the basket	3.9 s
Extension	5.5 s
Retraction	3.3 s
Forward swiveling	2.1 s
Reverse swiveling	1.3 s

ENGINE

Machine model	AGRI PLUS 40.7
Brand	FPT
Nominal power	93 kW (125 HP)
@rpm	2200 rpm
Operation	4-stroke
Injection	Mechanical direct
Number and arrangement of cylinders	4, Vertical in line
Displacement	4485 cm³ (274 in³)
Consumption	230 g/kWh (378.35 lb/Hp h)
@rpm	2200 rpm
Emission standards	Stage IIIA/Tier 3
Cooling system	Liquid
Intake	Turbo compressor after-cooler

DIFFERENTIAL AXLES

Machine model	AGRI PLUS 40.7
Axles types	2 steering, with 4 planetary reduction gears
Type of steering	4 wheels / transversal / 2 wheels
Front axle	Rigid
Rear axle	Swinging
Service brake	Oil bath with servo brake on front and rear axle with double hydraulic system
Park brake	Automatic spring applied hydraulic release

HYDRAULIC SYSTEM

Machine model	AGRI PLUS 40.7
Hydraulic pump type	Gear pump for power steering and movements
Hydraulic pump capacity	180 L/min (47.6 gal/min)
Max. operating pressure	25.0 MPa (3626 psi)
Distributor control	4in1 proportional Joystick

REFUELING

Machine model	AGRI PLUS 40.7
Hydraulic motor (total)	160.0 L (42.27 gal)
Diesel tank	180.0 L (47.55 gal)

TRANSMISSION

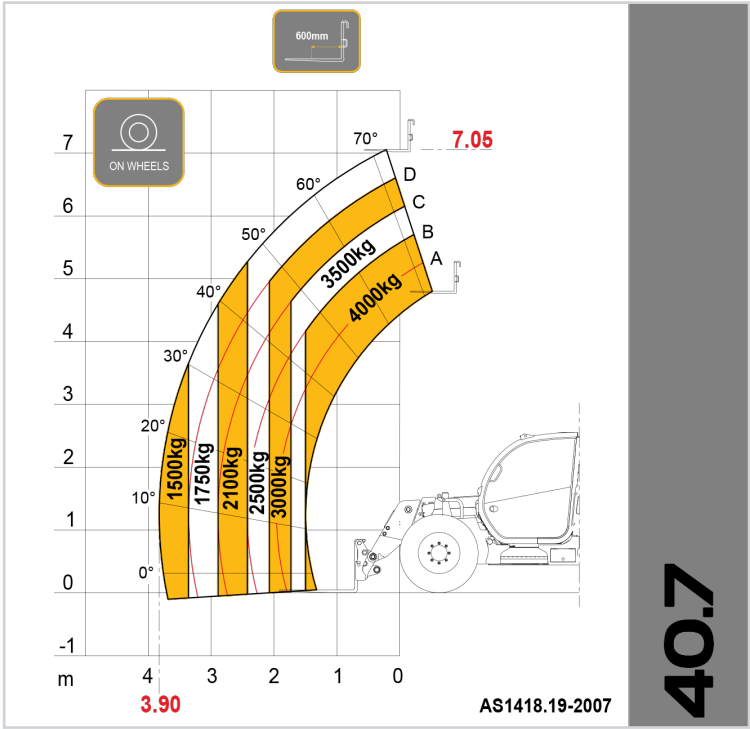
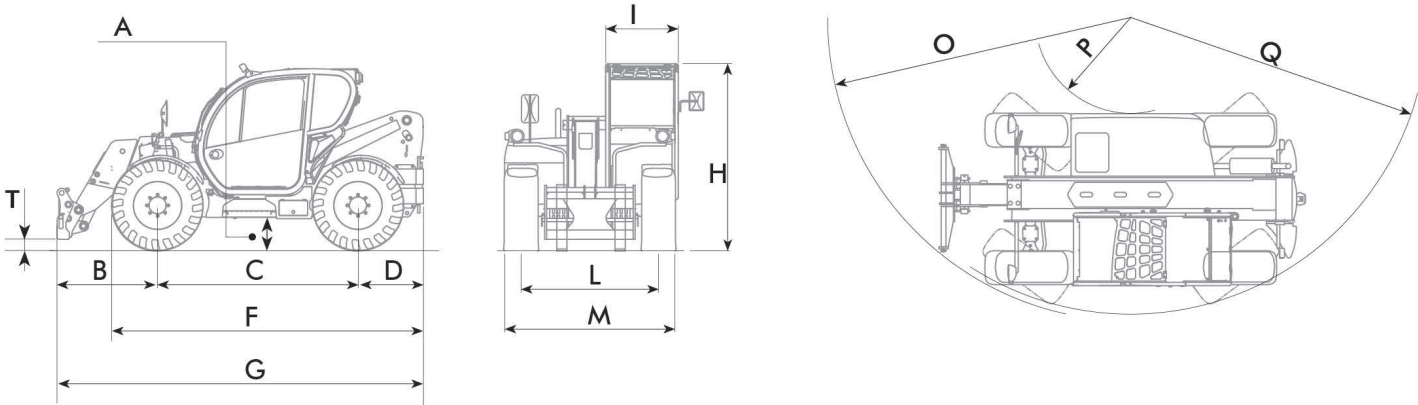
Machine model	AGRI PLUS 40.7
Transmission type	Torque converter with Power Shift EVO 2 reversing mechanism and electric control
Inching	With electronic pedal for controlled forward movement
Transmission gearbox	6 forward gears / 3 reverse gears with electronic control

TYRES

Machine model	AGRI PLUS 40.7
Standard tyres	400/70x24"

DIMENSIONS

Machine model	AGRI PLUS 40.7
A	360 mm (14.2in)
B	1475 mm (58.1 in)
C	2750 mm (108.3 in)
D	850 mm (33.5 in)
F	4175 mm (164.4 in)
G	5075 mm (199.8 in)
H	2445 mm (96.3 in)
I	940 mm (37 in)
L	1820 mm (71.7 in)
M	2260 mm (89 in)
O	5185 mm (204.1 in)
P	1320 mm (154.3 in)
Q	3920 mm (154.3 in)
T	200 mm (7.9 in)





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Printed in Australia SKT Agri Plus EXTRA-EC-AU | 1.5 2019