

MST



TELESCOPIC HANDLER

Model: **MP 18.42**



Technical Specifications

ENGINE

Brand & Model	PERKINS 904J-E36TA @ Commonrail
Emission	Stage 5
No. Of Cylinders	4
Displacement	3621 ccm
Power Rating	100 hp / 74,4 kW@2300rpm
Torque Rating	430Nm@1500rpm
Aspiration	Commonrail with direct injection @ Turbocharged aftercooler
Cooling	Water cooled

TRANSMISSION

Type Of Transmission	Powershift with tork convertor
Gearbox Speed (Forward/Reverse)	4 / 3
Max. Travelling Speed	29 km/h
Steering Modes	2 WS, 4WS, 4WS-Crab

HYDRAULIC SYSTEM

Hydraulic Pump	Load sensing type variable piston pump
Main Control Valve	Electro-hydraulic control
Max. Flow	140 l/min
System Pressure	250 bar
Joystick Control	7 in 1 @ FNR & Gear up-down shift

FLUID CAPACITIES

Fuel Tank	130 l
Hydraulic Tank	160 l
Standart Machine Operating Weight	12.800 kg

CYCLE TIMES

Lifting	15.00 s
Lowering	13.00 s
Extension	21.30 s
Retraction	15.70 s
Crowd	3.80 s
Dump	4.60 s

NOISE

Noise at Driving Position LpA*	80 db(A)
Noise to Environment LwA*	102 db(A)

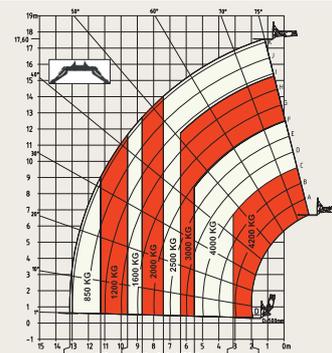
PERFORMANCE

Model Family	18 M
Max. Lifting Capacity	4200 kg
Max. Lifting Capacity at Full Height	2500 kg*
Capacity at Max. Forward Reach	850 kg*
Max. Lifting Height	17.60 m
Max. Forward Reach	13.15 m
Stabilizers	2 Units in front
Chassis Levelling	± 10°
Max. Towable Trailer Weight(kg) (With/Without brake)***	3000-14000 kg

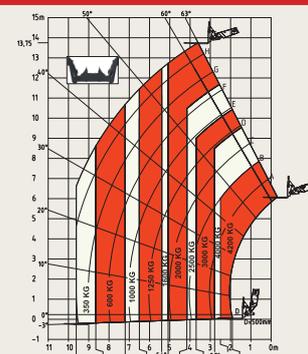
AXLES, BRAKE SYSTEM and TYRES

Axles	LSD type front axle with transverse levelling (±10°) control in the cab & LSD type swinging rear axle
Brake System	Front / Rear multi-disc type oil bath
Parking Emergency Brake	Negative parking brake (SAHR)
Tires	440/80-24

Load Chart (Stabs Down)



Load Chart (Stabs Up)



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TELEHANDLER

MP 18.42

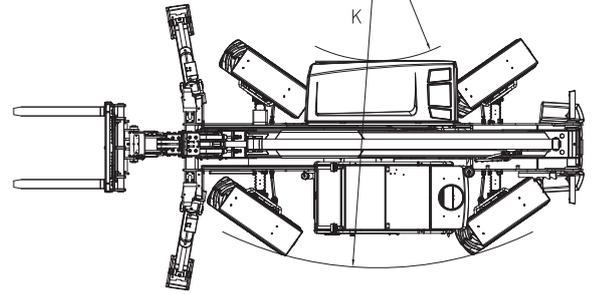
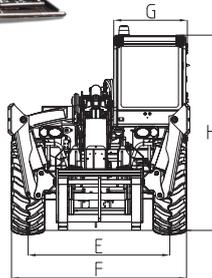
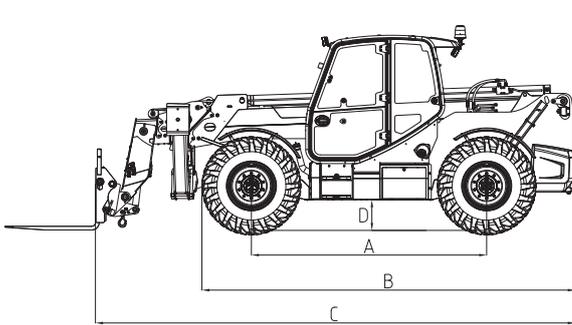
DIMENSION

A-Wheelbase	3120 mm
B-Overall Length To Front Face of Tyres	4950 mm
C-Overall Length to Carriage	6360 mm
D-Ground Clearance	410 mm
E-Inside Tyre Width	1900 mm
F-Overall Width	2350 mm
G-Overall Cab Width	971 mm
H-Overall Height	2590 mm
I-Tow Bar	---
J-Turning Radius (Engine Hood)	1810 mm
K-Turning Radius (Over Tyres)	4305 mm
Standars Forks ***	120 x 50 x 1200 mm
Chassis Levelling	± 10°

Chain Synchronized
Boom System

With

Single Extention
Piston



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