

MST

TELESCOPIC HANDLER

Model: **MP 8.42-125**

Technical Specifications



ENGINE

Brand & Model	PERKINS 904J-E36TA @ Commonrail
Emission	Stage 5
Number of Cylinders	4
Cubic Capacity	3621 ccm
Engine Power	120 hp / 90kW @2300rpm
Engine Torque	500Nm @1500rpm
Combustion System	Commonrail with direct injection @ Turbocharged aftercooler
Cooling System	Water cooled

TRANSMISSION

Type of Transmission	Powershift with tork convertor
Gearbox Speed (Forward/Reverse)	4/3
Max. Travelling Speed	34 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
Joystic Control	7 in 1 @ FNR & Gear up-down shift

FLUID CAPACITIES

Fuel Tank	160 l
Hydraulic Tank	130 l
Standart Machine Operating Weight	9.100 kg

BOOM CYCLE TIMES

Lifting	10.40 s
Lowering	7.20 s
Extension	6.80 s
Retraction	4.80 s
Crowd	3.80 s
Dump	3.80 s

PERFORMANCE

Model Family	8 M
Max Lifting Capacity (kg)	4200 kg
Max Lifting Capacity at Max Height	2500 kg
Capacity at Max Forward Reach	1600 kg
Max Lifting Height	7.67 m
Max Forward Reach	4.07 m
Max. Towable Trailer Weight (kg) (With/Without Brake)**	3000-14000 kg

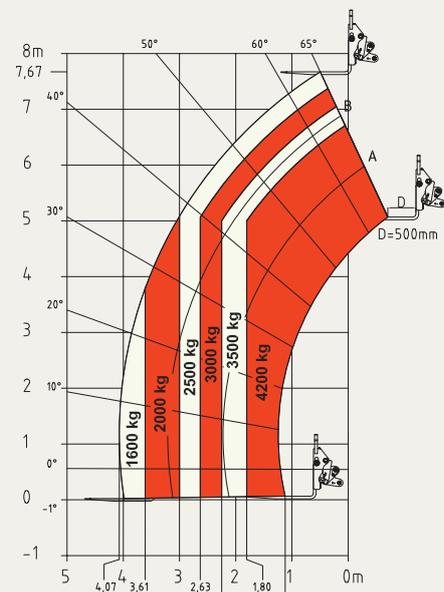
AXLES, BRAKE SYSTEM and TYRES

Axles	LSD type rigid front axle & swinging type rear axle
Brake System	Front / Rear multi-disc type oil bath & with inching
Parking Emergency Brake	Negative parking brake (SAHR)
Tires	460/70-24

NOISE

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

Load Chart (On Tires)



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TELEHANDLER

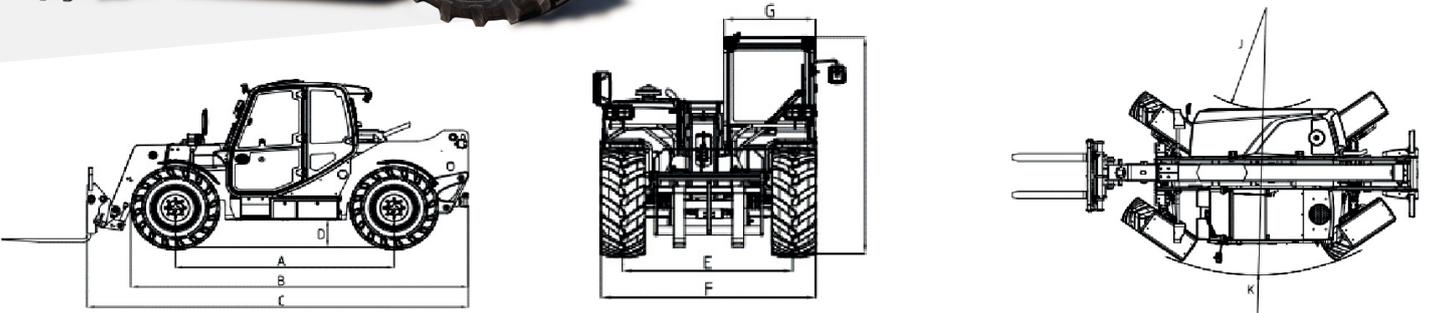
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Single Extendable Boom

DIMENSIONS

A-Wheelbase	3075 mm
B-Overall Length To Front Face of Tyres	4786 mm
C-Overall Length To Carriage	5413 mm
D-Ground Clearance	400 mm
E-Inside Tyre Width	1830 mm
F-Overall Width	2290 mm
G-Overall Cab Width	971 mm
H-Overall Height	2590 mm
I-Tow Bar	---
J- Turning Radius (Engine Hood)	1600 mm
K- Turning Radius (Over Tyres)	4070 mm
Standard Forks ***	120 x 50 x 1200 mm



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