

# MST

## TELESCOPIC HANDLER

Model: **MP 7.42-125**

## Technical Specifications



### ENGINE

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

### TRANSMISSION

<b>Type of Transmission</b>	Powershift with tork convertor
<b>Gearbox Speed (Forward/Reverse)</b>	4/3
<b>Max. Travelling Speed</b>	34 km/h
<b>Steering Modes</b>	2 WS, 4WS, 4WS-Crab

### HYDRAULIC SYSTEM

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

### FLUID CAPACITIES

<b>Fuel Tank</b>	160 l
<b>Hydraulic Tank</b>	130 l
<b>Standart Machine Operating Weight</b>	9.100 kg

### BOOM CYCLE TIMES

<b>Lifting</b>	9.90 s
<b>Lowering</b>	7.70 s
<b>Extension</b>	6.80 s
<b>Retraction</b>	4.80 s
<b>Crowd</b>	3.80 s
<b>Dump</b>	3.80 s

### PERFORMANCE

<b>Model Family</b>	7 M
<b>Max Lifting Capacity (kg)</b>	4200 kg
<b>Max Lifting Capacity at Max Height</b>	3000 kg
<b>Capacity at Max Forward Reach</b>	1600 kg
<b>Max Lifting Height</b>	7.37 m
<b>Max Forward Reach</b>	4.07 m
<b>Max. Towable Trailer Weight (kg) (With/Without Brake)**</b>	3000-14000 kg

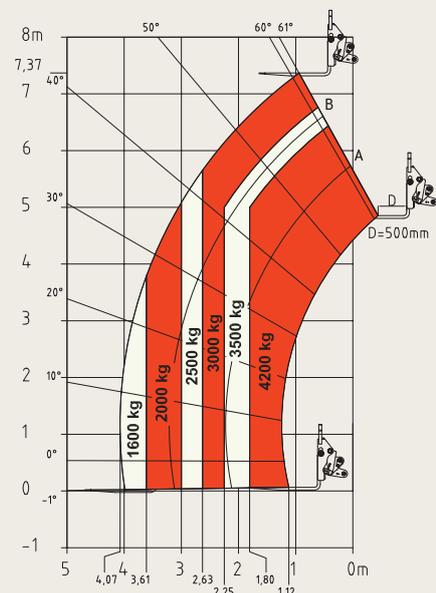
### AXLES, BRAKE SYSTEM and TYRES

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

### NOISE

<b>Noise at Driving Position LpA*</b>	80 db(A)
<b>Noise to Environment LwA*</b>	102 db(A)

### Load Chart ( On Tires )



# MST

TELEHANDLER

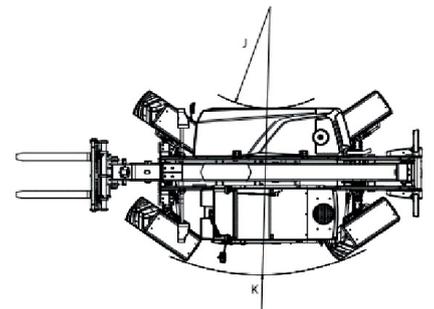
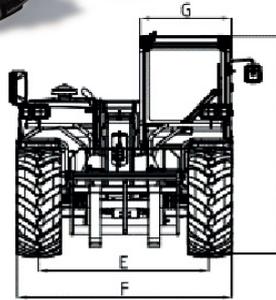
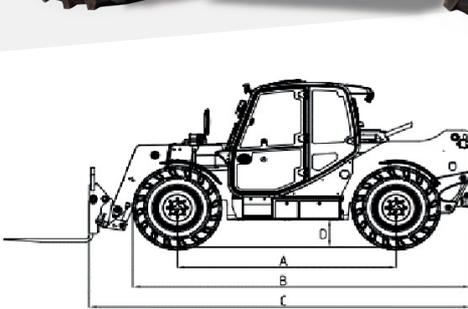
## MP 7.42-125



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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