

FS 8.50 HVTronic 100

STAGE V

TECHNICAL SHEET

Metric System



FS 8.50 HVTronic 100

ENGINE

Engine	Deutz
Power	100/136 kW/HP
Emissions	Stage V
Max Torque	500 Nm a 1600 giri/min
After Treatment	DOC/DPF/SCR
Cylinders/Displacement	4 - 3621 cm ³
Radiator Fan	Proportional + reversible

LOADING PERFORMANCE

Lift Capacity	5500 kg
Lift Height	78 m
Max Reach	4.45 m
Reach at Max Height	0.5 m
Boom Sections	1
Swing Angle	149 °

HYDRAULICS

Pump Type	Piston pump LS
Flow / Pressure	170 / 250 l/bar
Flow Sharing distributor	Standard
Lift Valve	Ecofast-E
Joystick Type	CAN-BUS
Quick Release	Standard
Boom Suspension	Optional
Front Hydraulic Connection	Standard
Floating Boom	Standard
Regenerative Valve	Standard
6-Way Manual Diverter	Standard
Constant Flow	Standard
Creeper Mode	Standard

BOOM FUNCTIONS

Height Limiter	Standard
Boom Speed Control	Full + Single BSC
Autoretract	Standard
Controlled Boom Retract	Standard
Bucket Shaking	Standard

TRANSMISSION

Type	Continuously variable (CVT)
Max Speed	40 km/h

WHEELS

Standard Tyres	460/70 - R24"
Turning Radius	4.15 m

BRAKES

Service Brake	Oil-immersed multi-disc
Parking Brake	Oil-immersed multi-disc, negative acting, SAHR type
	Optional
Pneumatic Trailer Brake	Optional
Hydraulic Trailer Brake	Optional

DIMENSIONS

Height	2505 mm
Width	2340 mm
Track Width	1862 mm
Ground Clearance	430 mm
Front Overhang	1410 mm
Axle Distance	2950 mm
Rear Overhang	803 mm
Length	5164 mm
Length with tow hook	5325 mm
Cabin Width	960 mm

WEIGHTS

Weight	10200 kg
Drawbar Pull	10000 daN

TANK CAPACITIES

Fuel Tank	120 l
AdBlue Tank	10 l
Hydraulic Oil Tank	120 l

AXLES

Front Axle	limited slip 45%
Rear Axle	open type differential

LIGHTS & SOCKETS

LED Road Lights Front	true
LED Road Lights Rear	true
LED Work Lights Front/Rear	true
Courtesy Step Light	Standard
Rear Electric Socket	true
Rear Hydraulic Socket	Standard

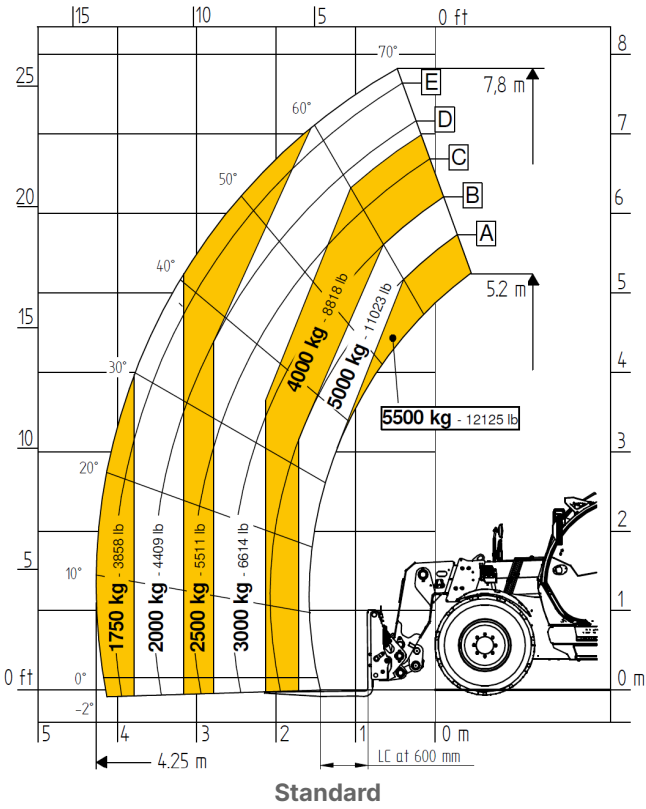
CABIN

Cabin Type	Comfort Plus
Color Display	7"
Pneumatic Suspension Seat	Standard
Radio with MP3/USB/BT	Standard
Start & Stop (IAS)	Standard
Internal Rearview Mirror	Standard
Windshield protection grid	Optional
Top Wiper	Optional
Air Conditioning	Standard

OTHER FEATURES

Bucket Mode	Standard
Telematics	Optional
Fixed Tow Hook	Standard
Ballast	Steel

FS 8.50 - Load Charts



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