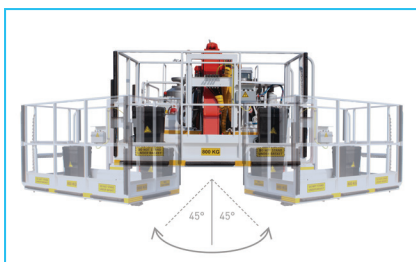


SP1500

BASKET BOOM TRUCK



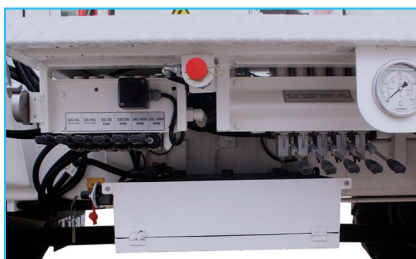
Basket swing +/-45°



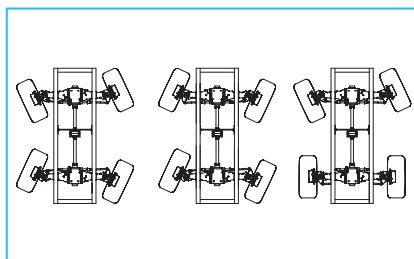
Basket with automatic parallelism conforms to EN280 standard



Robust boom



Boom, basket and stabilizer manual controls, pressure indicator

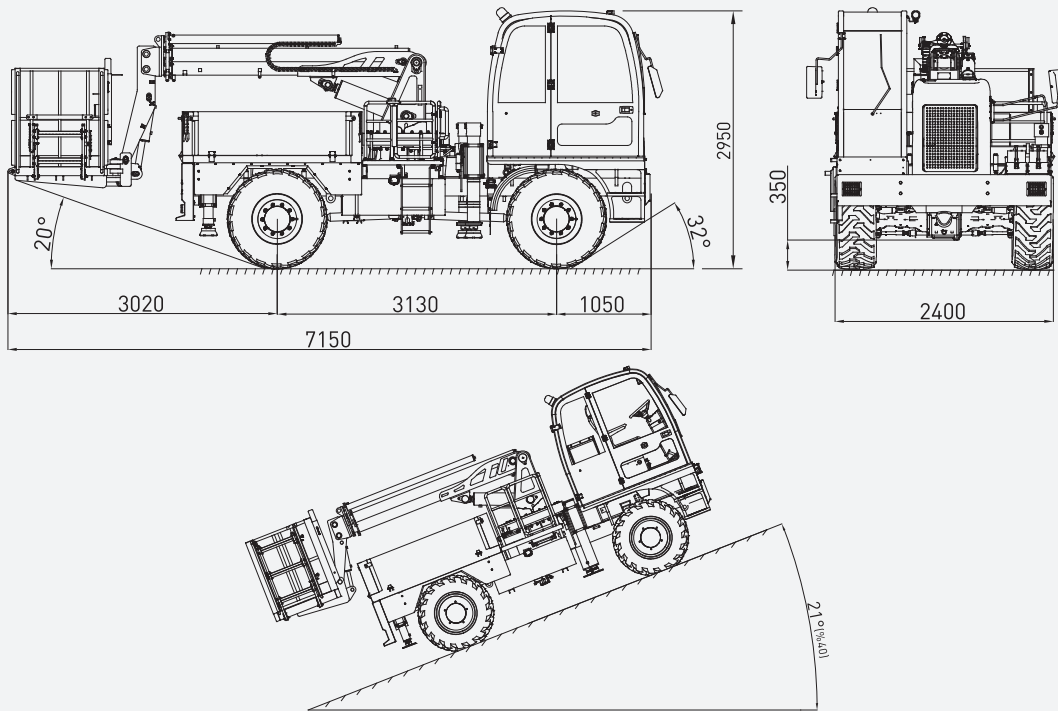


3 steering modes; Four-wheel steering, Front-wheel steering and Crab steering

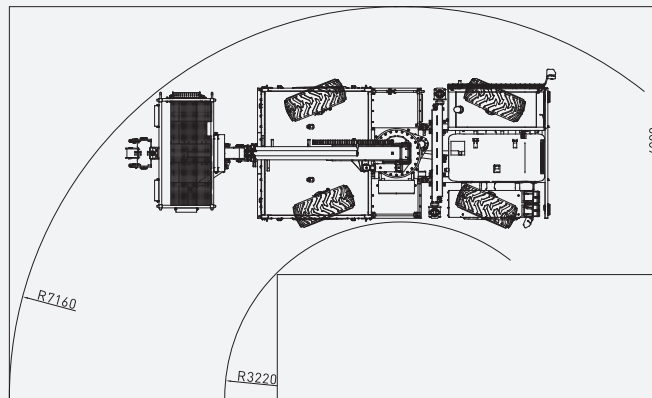


ROPS and FOPS level 2 certified closed operator cabin with 180° pivoting operator's seat

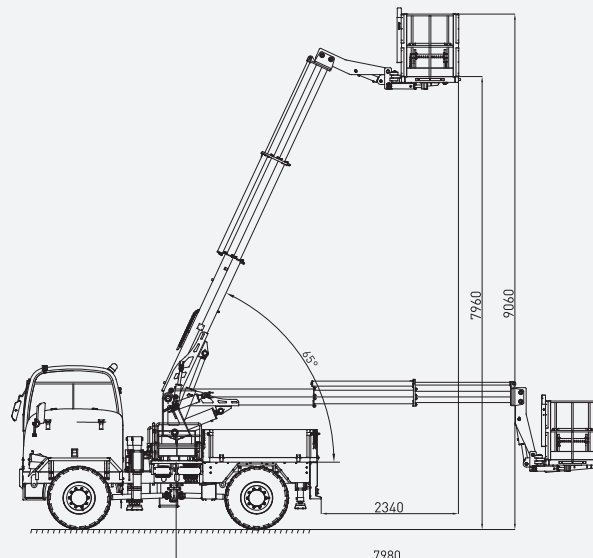
DIMENSIONS & PERFORMANCE



TURNING RADIUS



LIFTING HEIGHT



SP1500

TECHNICAL SPECIFICATIONS

DIESEL ENGINE	
Make / Model:	JCB Dieselmax 444 TCA-85
Max. Power:	85 kW at 2200 rpm
Max. Torque:	440 Nm at 1300 rpm
Engine Emissions:	EU Stage 3A / US EPA Tier 3
Diesel Tank:	140 l
With Catalytic Converter and Silencer	
TRANSMISSION	
Make / Model:	JCB PS760
Powershift	
Automatic and Manual 4-speed forward	
Manual 3-speed reverse	
Four-wheel drive	
AXLES & TYRES	
Make / Model:	JCB SD70
Type:	Planetary
Front Axle:	+/- 8° Oscillating and steerable
Rear Axle:	Rigid and steerable
Tyres:	16.00 / 70-20
PERFORMANCE	
Max. Gradient:	40%
Max. Speed:	24.5 km/h
STEERING	
Four-wheel steering	
Crab steering	
Front-wheel steering	
BRAKING SYSTEM	
Service Brake:	Hydraulically powered two-circuit oil immersed multidisc brakes in both axles
Safety/Parking Brake:	Spring applied hydraulic released SAHR Fail safe
CHASSIS	
Type:	Rigid, high strength steel
Front Stabilisers:	2 pcs, extendible
Rear Stabilisers:	2 pcs, fixed
HYDRAULIC SYSTEM	
Pump Type:	Gear pump
Max. Pressure:	210 bar
Flow Rate:	75 l/min at 2200 rpm
Hydraulic Oil Tank:	105 l
Return Oil Filter:	25 µm
Oil level, filtration and temperature indicators	
ELECTRIC SYSTEM	
Battery:	12 V - 150 Ah
Protection:	IP65
Lights:	2 x 1500 Lumen Led at front bumper
1 x 1500 Lumen Led on operator cabin	
2 x 1500 Lumen Led at rear bumper	
1 x 1500 Lumen Led on boom	
Turn signals and taillights	
Beacon Lamp:	Amber color
TITAN CLOSED OPERATOR CABIN	
<ul style="list-style-type: none">• Closed 1-person cabin• ROPS and level 2 FOPS certified (EN ISO 3471:2008 / EN ISO 3449:2008)• Mechanical suspension with manual tilt, weight, height adjustable, 180° pivotable ergonomic seat with seat belt• Cabin heater• Levers and indicators for all driving controls• In-cabin radio output and location (12V)• Cabin lighting• Heated wing mirrors	
DIMENSIONS & WEIGHT	
Weight:	9900 kg (Approximately)
Length:	7150 mm
Width:	2400 mm
Height:	2950 mm
Inner Turning Radius:	3220 mm
Outer Turning Radius:	7160 mm
MISCELLANEOUS	
<ul style="list-style-type: none">• Warning plates and decals• Tool box• 2x4 kg portable fire extinguisher• 2 pcs Wheel chocks• Front and rear towbar• Back-up alarm and light• Battery Isolator switch	
BOOM & BASKET	
Basket Dimension:	2000 x 1000 mm
Max. Lifting Capacity:	800 kg
Max. Lifting Height (Basket Base):	7.96 m
Basket Swing:	+/- 45°
Max. Boom Angle:	65°
Basket Tilt:	+/- 5°
Parallelism:	Automatic
Electro-hydraulic driven control unit	

SAFETY

- Conforms to EN280 mobile elevating work platforms standard
- Manual emergency boom movement control
- Front stabilisers must be used to allow basket movements
- 2 pcs emergency stop buttons; one on basket one on the machine
- 2 pcs mechanical inclinometer for rolling and pitching angle indication
- 2 pcs electronic inclinometer sensor for rolling and pitching angles
- +/- 4° rolling angle limitation
- +/- 5° pitching angle limitation
- Weight moment control system for basket
- Platform access ladder
- Rubber chocks on basket for bump protection

OTHER

- Centralized greasing system

OPTIONS

- Automatic centralized lubrication system
- Air-conditioner (Heating and Cooling) in the cabin
- Manual activated fire extinguishing system
- Automatic and manual activated fire extinguishing system (Linear wired)
- Caliper brake system
- 2nd seat in the cabin
- 12 V emergency steering
- Diesel particulate filter - DPF
- EU Stage 5 diesel engine
- Rear view camera and LCD monitor in operator cabin
- Additional side view camera
- Spare wheel
- Cable remote control