

PT16

PERSONNEL CARRIER



ROPS and FOPS level 2 certified closed personnel cabin



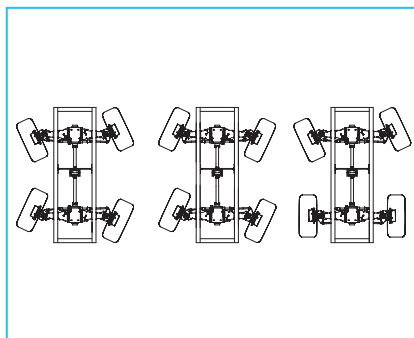
Intercom between personnel and operator cabin,
Personnel door open indicator in the operator cabin



Air conditioner (Heating and Cooling) in the cabin
(optional)



Rear view camera and LCD screen in operator cabin

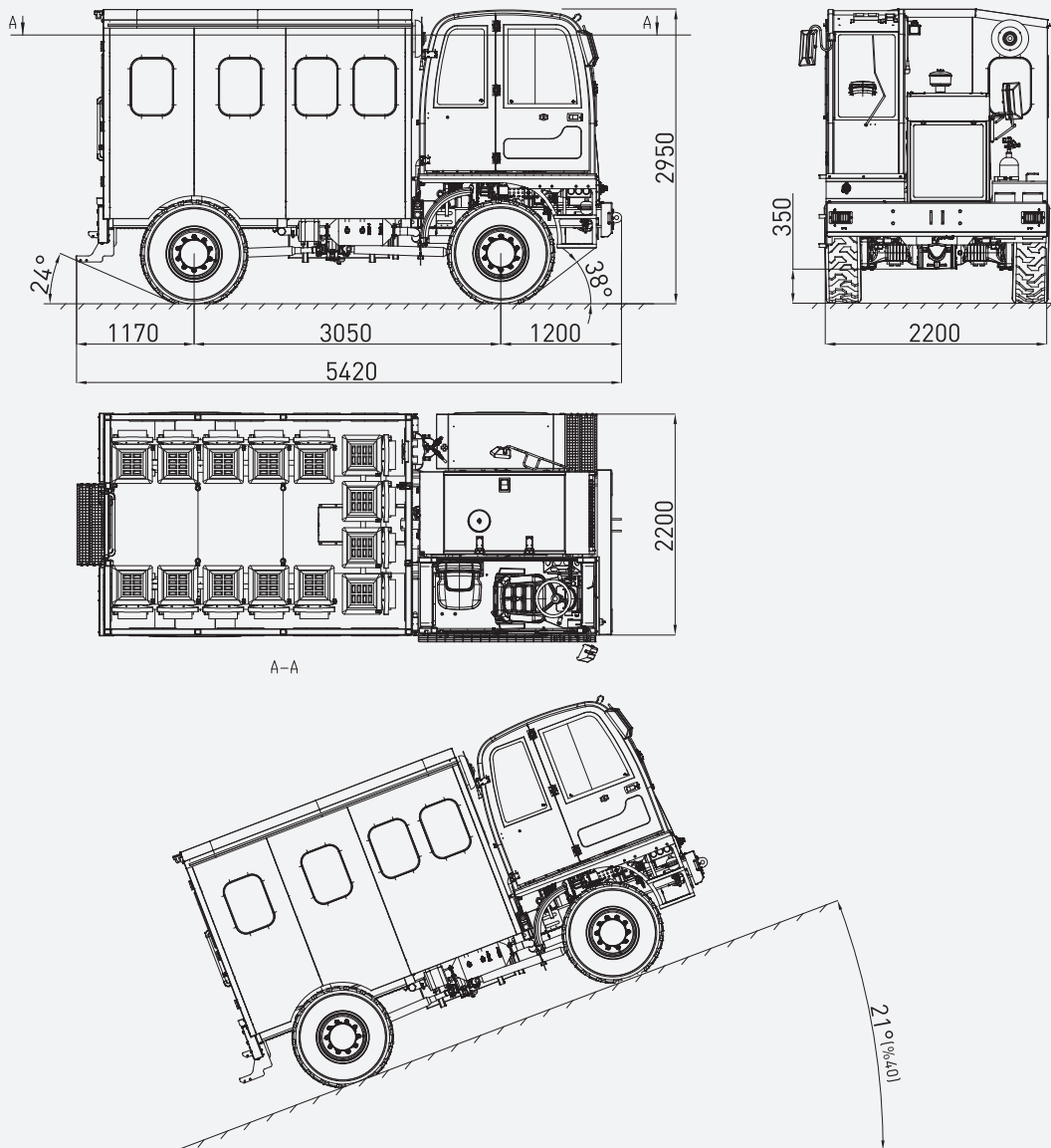


3 steering modes; Four-wheel steering,
Front-wheel steering and Crab steering

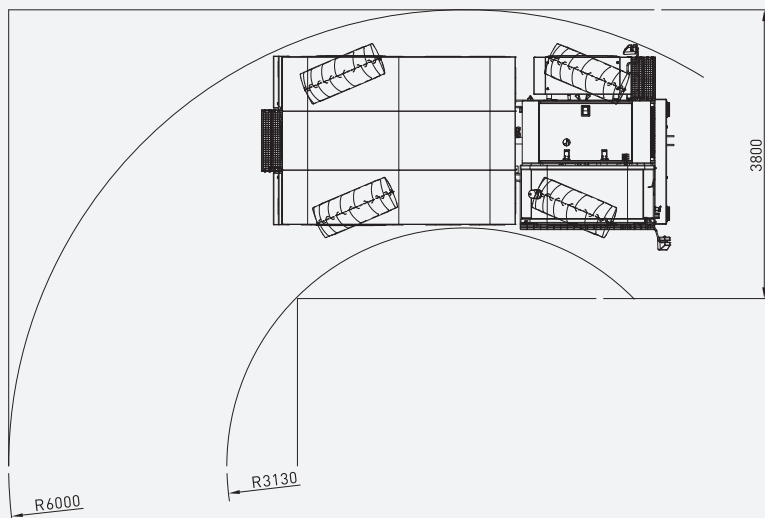


ROPS and FOPS level 2 certified closed operator cabin
with 180° pivoting operator's seat

DIMENSIONS & PERFORMANCE



TURNING RADIUS



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:	80 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 SD55
Tip:	Planet
Front Axle:	+/- 8° Oscillating and steerable
Rear Axle:	Rigid and steerable
Tyres:	12.5-20 / 10-20
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
HYDRAULIC SYSTEM	
Pump Type:	Fixed displacement
Max. Pressure:	200 bar
Flow Rate:	60 l/min at 2200 rpm
Hydraulic Oil Tank:	80 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
Turn signals and taillights	
Beacon Lamp:	Amber color
TITAN CLOSED OPERATOR CABIN	
<ul style="list-style-type: none"> • Closed 2-person cabin • ROPS and FOPS level 2 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:	7150 kg (Approximately)
Length:	5420 mm
Width:	2200 mm
Height:	2950 mm
Inner Turning Radius:	3130 mm
Outer Turning Radius:	6000 mm
MISCELLANEOUS	
<ul style="list-style-type: none"> • Warning plates and decals • 2x2 kg portable fire extinguisher • 2 pcs Wheel chocks • Front and rear towbar • Back-up alarm and light • Battery Isolator switch 	
PERSONNEL CABIN	
<ul style="list-style-type: none"> • Closed 14-person cabin • ROPS & FOPS level 2 certified (EN ISO 3471:2008 / EN ISO 3449:2008) • Cabin heater • 1 Outward opening door • Mica glass windows • Ergonomic 2 point seat belt seats • Amber color beacon on the cabin • Cabin lighting • Intercom between personnel cabin and operator cabin • Personnel door open indicator in the operator's cabin 	

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
- 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