

BHA3

CASSETTE SYSTEM UTILITY VEHICLE



4000 l Water Tank Cassette



1750 x 3500 mm, 3000 kg Loading Platform Cassette



Electronic tracking of hooklift position and angle



ROPS & FOPS level 2 certified closed 2-person cabin

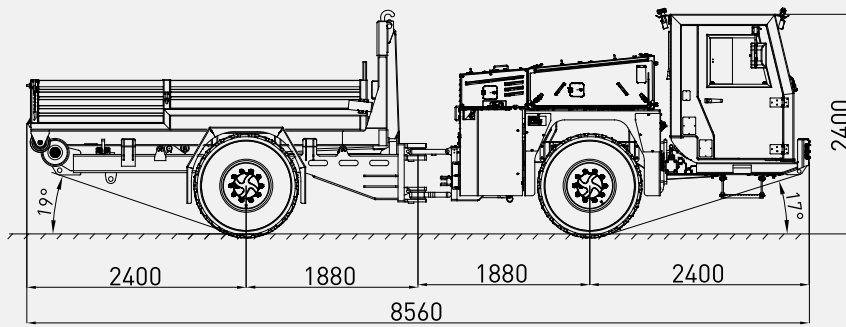
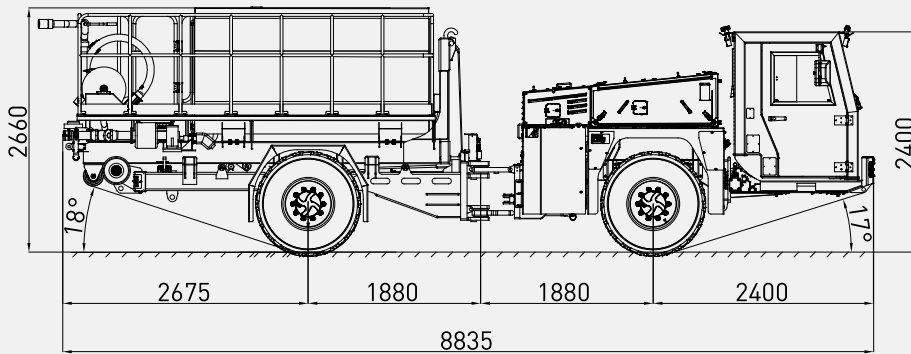
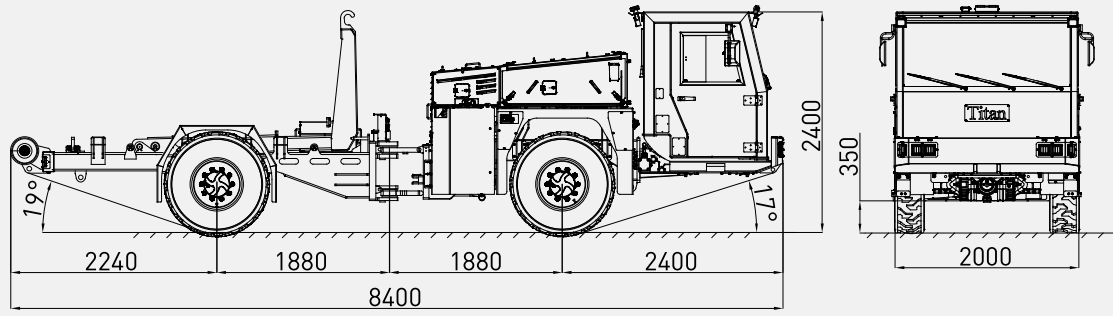


Rear view camera and LCD screen in operator cabin

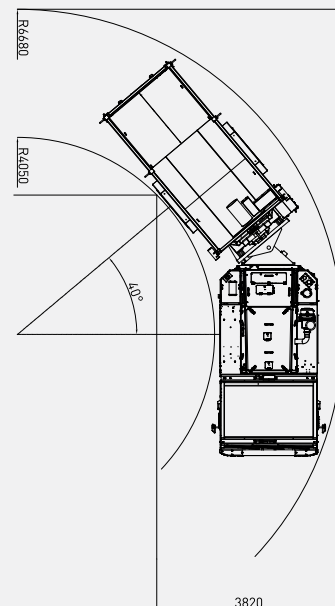
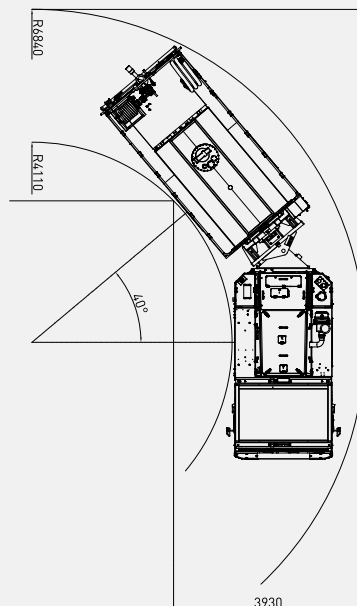
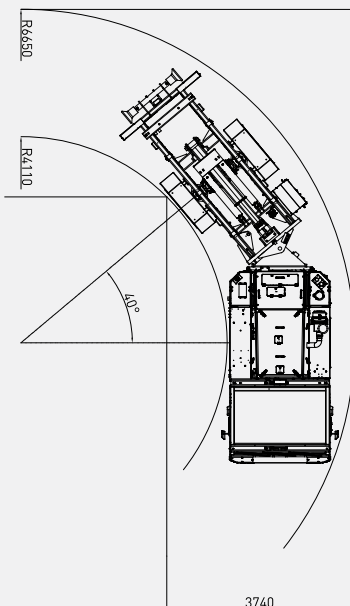


High strength articulated chassis

DIMENSIONS & PERFORMANCE



TURNING RADIUS



TECHNICAL SPECIFICATIONS

DIESEL ENGINE		ELECTRIC SYSTEM	
Make / Model:	Deutz TCD 2013 L4 2V	Battery:	24 V – 2 x 105 Ah
Max. Power:	129 kW at 2300 rpm	Protection:	IP65
Max. Torque:	670 Nm at 1600 rpm	Lights:	6 x 1500 Lumen Led in front of the operator cabin
Engine Emission:	EU Stage 3A / US EPA Tier 3		2 x 1500 Lumen Led behind the operator cabin
Diesel Tank:	150 l		2 x 1500 Lumen Led at bumper
	With Catalytic Converter and Silencer		Turn signals and taillights
TRANSMISSION		Box Type:	Stainless steel
Make / Model:	Dana Spicer T24000	Beacon Lamp:	Amber and Blue color
	Powershift	TITAN CLOSED OPERATOR CABIN	
	Automatic 3-speed forward and reverse	<ul style="list-style-type: none"> • Closed 2-person cabin • ROPS & FOPS level 2 certified (EN ISO 3471:2008 / EN ISO 3449:2008) • Mechanical suspension with manual tilt, weight, height adjustable, "T" shaped seat with 3-point seat belt • Cabin heater • Rear view camera and LCD screen in operator cabin • Levers and indicators for all driving controls • In-Cabin radio output and location (12V) • Cabin lighting • Heated wing mirrors • Document box under the seat • Equipment box 	
	Four-wheel drive		
AXLES & TYRES			
Make / Model:	Dana Spicer 113		
Type:	Planetary		
Front:	+/- 8° Oscillating		
Rear:	Rigid		
Tyres:	12.00 – 20		
PERFORMANCE			
Max. Gradient:	30%		
Max. Speed:	24.5 km/h		
Max. Tractive Effort:	122 kN		
STEERING			
	Articulation, +/- 40°		
	Orbitrol Type		
BRAKING SYSTEM		DIMENSIONS & WEIGHT (CASSETTE HANDLER, WITHOUT CASSETTE)	
Service Brake:	Hydraulically powered two-circuit oil immersed multidisc brakes in both axles	Weight:	10200 kg (Approximately)
Safety/Parking Brake:	Spring applied hydraulic released SAHR Fail safe	Length:	8400 mm
		Width:	2000 mm
		Height:	2400 mm
		Inner Turning Radius:	4110 mm
		Outer Turning Radius:	6650 mm
CHASSIS		WATER TANK CASSETTE	
Type:	Articulated, high strength steel	Empty Weight:	12100 kg (Approximately)
		Max. Full Weight:	16100 kg (Approximately)
		Length:	8835 mm
		Width:	2000 mm
		Height:	2660 mm
		Inner Turning Radius:	4110 mm
		Outer Turning Radius:	6840 mm
HYDRAULIC SYSTEM			
Pump Type:	Fixed and variable displacement		
Max. Pressure:	210 bar		
Flow Rate:	125 l/min at 2300 rpm		
Hydraulic Oil Tank:	150 l		
Return Oil Filter:	25 µm		
	Oil level, filtration and temperature indicators		

LOADING PLATFORM CASSETTE

Empty Weight:	11500 kg (Approximately)
Max. Full Weight:	14500 kg (Approximately)
Length:	8560 mm
Width:	2000 mm
Height:	2400 mm
Inner Turning Radius:	4050 mm
Outer Turning Radius:	6680 mm

MISCELLANEOUS

- Warning plates and decals
- Tool box
- 2x4 kg portable fire extinguisher (1 in operator cabin)
- 2 pcs Wheel chocks
- Front and rear towbar
- Back-up alarm and light
- Battery isolator switch

HOOKLIFT SYSTEM

- Electronic tracking of hooklift position and angle
- Sensor system preventing movement before the cassette is closed
- Quick coupling with sensor for cassette hoses

WATER TANK CASSETTE

- Water Tank Capacity: 4000 l
- Hose Reel: L: 30 m Ø:1"
- Wave breaker in the water tank
- Machine connection points with attachment and lock system
- Water monitor for adjusting spray angle
- Gearbox pump with 1500 l/min capacity
- Drop system
- Right and Left 1.5 m height wall washing
- Water tank filling hose
- 3 Point contact platform ladder
- Guardrail around the water tank
- Water tank level electronic monitoring system

LOADING PLATFORM CASSETTE

- Platform Dimensions: 1750 x 3500 mm
- Loading Capacity: 3000 kg
- Machine connection points with attachment and lock system
- On-Platform shackle ports
- Removable back cover
- Removable rod rack on the platform

OTHER

- Centralized greasing system

OPTIONS

- Automatic centralized lubrication system
- Electrical outlet in the cabin 220 Volt - 150 Watt
- Air-conditioner (Heating and Cooling) in the cabin
- Manual activated fire extinguishing system
- Automatic and Manual activated fire extinguishing system (Linear wired)
- 24 V emergency steering
- Diesel particulate filter - DPF
- EU Stage 5 diesel engine
- Additional side view camera
- Spare wheel

