

Kalmar TR618i WB 3025 mm / 119 in
Driving data
Kalmar TR618i

Maximum road speed (km/h)	35
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Weight of trucks

Truck weight (kg)	11130
Gross Combination Weight (kg)	120000

Engine

Manufacturer / type designation	Cummins / B6.7
Fuel / type of engine	Diesel / 4 stroke
Emission stage / approval	EU Stage V
Number of cylinders / engine volume l	6-inline / 6,7
Power nominal max, according to ISO-3046 / at revs (kw / rpm)	168 / 2200
Torque max, according to ISO 3046 - at revs (Nm /rpm)	1186 / 1300
Starting battery, voltage / capacity (V-Ah)	2x12 / 2x170
Fuel Consumption, normal driving	6-10
AdBlue consumption, normal driving	5-10

Transmission

Manufacturer / type designation	Dana / RTE 14822
Clutch, type	Torque converter / Lock-Up
Gearbox, type	Automatic Powershift
Number of gears, forward / reverse	8 / 8

Front axle

Manufactor / type designation	Sisu / SSDP12S
Dynamic capacity (kg)	12000
Static capacity (kg)	40000

Rear axle

Manufactor / type designation	Sisu / SRDP30S (Drum brakes)
Ratio	16.41:1
Dynamic capacity (kg)	30000
Static capacity (kg)	90000

Wheels

Manufacturer / type designation	Michelin / XZM 11.00 R20
Dimensions, front / rear (inch)	11,00 R20
Rim Dimensions, front / rear (inch)	8,25 / 20,0
Number of wheels, front / rear (*driven)	4* / 4*
Pressure (MPa)	1,0

5th Wheel

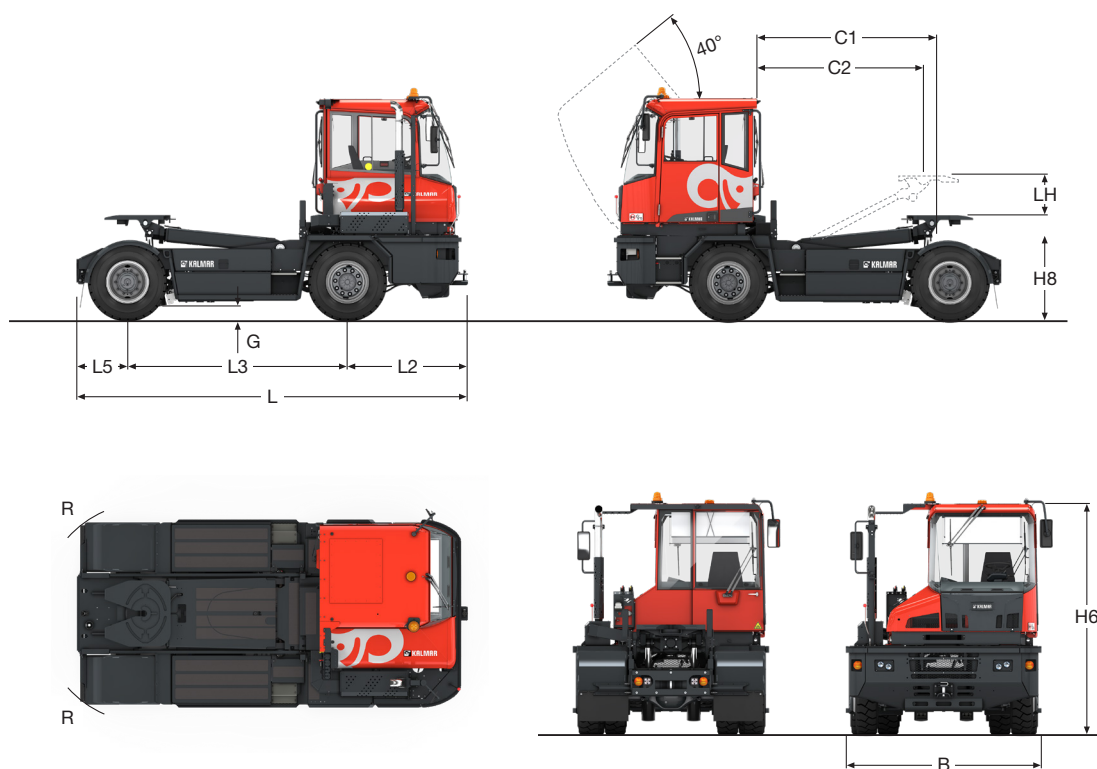
Manufacturer / type designation	Holland / FW0E70
Maximum vertical load capacity (kg)	45000
King-pin diameter (mm / inch)	50,8 / 2

Lifting cylinders

Type	Single stage - double acting
Lifting capacity (kg)	32000
Lifting height (mm)	1000

Cabin

Cabin position	Right hand drive
Cabin upholstery	N/A
Driver seat model	BeGe 9110
Driver seat type	Air suspended seat with 3-point seat belt
Display type	Digital display (km/h, ° Celsius, bar)



Dimensions

		Kalmar TR618i
Wheelbase (mm)	L3	3025
Length (mm)	L	5385
Distance between centre of front axle - front bumper (mm)	L2	1520
Distance between centre of rear axle - front bumper (mm)	L5	710
Width (mm)	B	2500
5th wheel down height (mm)	H8	1185
Cabin height (mm)	H6	3135
Ground clearance (mm)	G	290
Trailer clearance, boom up / boom down (mm)	C1 / C2	2030 / 2150

Miscellaneous

Steering system, type - maneuvering	Gearbox type integral power steering
Foot brake system, type - affected wheels	Drum brakes on 4 outer wheels
Parking brake system, type - affected wheels	Spring brake – Drive wheel
Noise level EN12053, inside the cabin (dB(A))	75
Noise level EN12053, outside the cabin (dB(A))	85
Hydraulic capacity (l/min) steering - lifting	125-138
Hydraulic oil volume (l)	200
Pneumatic capacity (CFM)	18,3 / 518
Pneumatic tank volume (l)	89
Fuel volume (l)	200
AdBlue volume (l)	38
Turning radius (mm)	6400

The designs and materials specification are subject to alternation without prior notice.
Tolerances according to K-standard 95430.0008/0009.



Kalmar (Nasdaq Helsinki: KALMAR) is moving goods in critical supply chains around the world, with the vision to be the forerunner in sustainable material handling equipment and services. The company offers a wide range of industry shaping heavy material handling equipment and services to ports and terminals, distribution centres, manufacturing and heavy logistics. Headquartered in Helsinki, Finland, Kalmar operates globally in over 120 countries and employs approximately 5.000 people. In 2023, the company's sales on a carve-out basis totalled approximately EUR 2,0 billion.
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