

Technical data

DRD450-80-S5XS

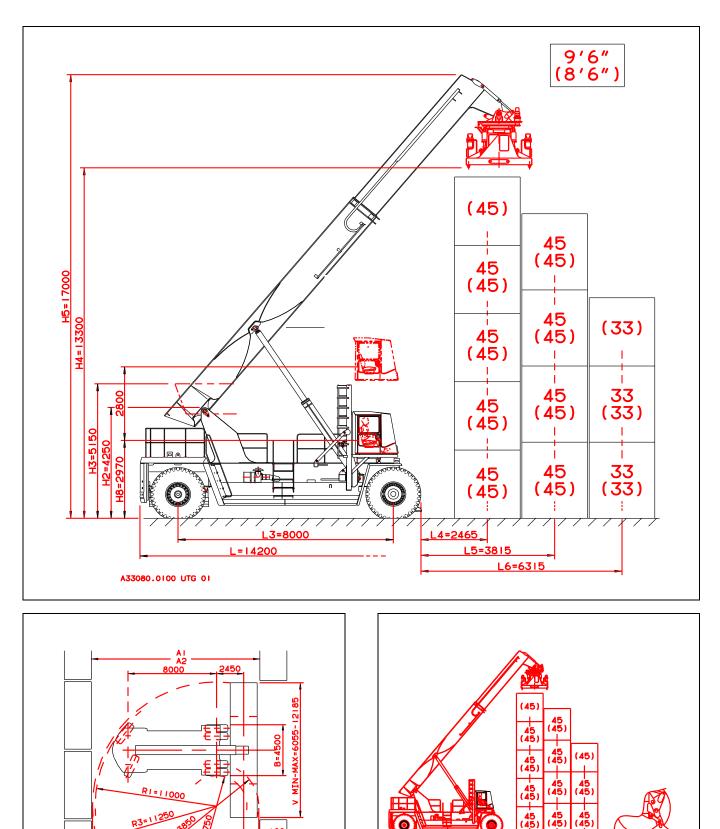
Lifting data	1	45000 45000
Lifting capacity at load centre L4, rated - at max. lifting height	kg	45000 - 45000
Lifting capacity at load centre L5, rated - at max. lifting height	kg	45000 - 45000
Lifting speed, unloaded - at 70% of rated load	m/s	0,40 - 0,20
Lowering speed, unloaded - at rated load Driving data	m/s	0,33 - 0,31
	1 /	25 20
Travelling speed forward, unloaded - at rated load	km/h	25 - 20
Travelling speed backward, unloaded - at rated load	km/h	25 - 20
Gradeability at 2 km/h, unloaded - at rated load	%	27 - 19
Max. gradeability, unloaded - at rated load	%	41 - 30
Drawbar pull	kN	449
Stability according to EN 1459		
Weight of truck		10,5000
Service weight	kg	105800
Axle load front at load centre L4, unloaded - at rated load	kg	55600 - 120300
Axle load front at load centre L5, unloaded - at rated load	kg	59000 - 131300
Axle load front at driving position according to EN 1459 and rated load	kg	111700
Axle load rear at load centre L4, unloaded - at rated load	kg	50200 - 30500
Axle load rear at load centre L5, unloaded - at rated load	kg	46800 - 19500
Axle load rear at driving position according to EN 1459 and rated load	kg	39100
Engine		
Manufacturer - type designation		Cummins QSM 11
Fuel - type of engine		Diesel - 4 stroke
Power according to ISO 3046 - at speed	kW-r/min	280 - 2100
Torque according to ISO 3046 - at speed	Nm-r/min	1898 Nm à 1100-1400 tr/min
Number of cylinders -		6 -
Alternator, type - power	W	AC - 1540
Starting battery, voltage - capacity	V-Ah	2x12 - 140
Fuel consumption, normal driving	l/h	14 - 16
Transmission	l/h	
Transmission Manufacturer - type designation	l/h	Clark - 15.7HR 40432
Transmission Manufacturer - type designation Clutch, type	l/h	Clark - 15.7HR 40432 Torque converter
Transmission Manufacturer - type designation Clutch, type Gearbox, type	l/h	Clark - 15.7HR 40432 Torque converter Powershift
Transmission Manufacturer - type designation Clutch, type Gearbox, type Number of gears, forward - reverse	l/h	Clark - 15.7HR 40432 Torque converter Powershift 4 - 4
Transmission Manufacturer - type designation Clutch, type Gearbox, type Number of gears, forward - reverse Driving axle, type	l/h	Clark - 15.7HR 40432 Torque converter Powershift
Transmission Manufacturer - type designation Clutch, type Gearbox, type Number of gears, forward - reverse Driving axle, type Wheels	l/h	Clark - 15.7HR 40432 Torque converter Powershift 4 - 4 Differential and hub reduction
Transmission Manufacturer - type designation Clutch, type Gearbox, type Number of gears, forward - reverse Driving axle, type Wheels Type, front - rear	l/h	Clark - 15.7HR 40432 Torque converter Powershift 4 - 4 Differential and hub reduction Pneumatic
Transmission Manufacturer - type designation Clutch, type Gearbox, type Number of gears, forward - reverse Driving axle, type Wheels Type, front - rear Dimension, front - rear	l/h	Clark - 15.7HR 40432 Torque converter Powershift 4 - 4 Differential and hub reduction Pneumatic 21.00*35 - 21.00*35, PR36 E4
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Transmission Manufacturer - type designation Clutch, type Gearbox, type Number of gears, forward - reverse Driving axle, type Wheels Type, front - rear Dimension, front - rear Number of wheels, front - rear (* driven) Pressure Steering and brake system Steering system - manoeuvering Driving brake system, type - affected wheels Max. hydraulic pressure Noise level according to DIN 45635 part 36, cabin - overhead guard Fuel volume Hydraulic oil volume Overload protection Dimensions Swivelling angle spreader, CW - CCW	MPa dB(A) l l mm A1	Clark - 15.7HR 40432 Torque converter Powershift 4 - 4 Differential and hub reduction Pneumatic 21.00*35 - 21.00*35, PR36 E4 4* - 2 1,0 Servo assisted - Steering wheel Wet disc brakes - Drive wheel Spring brake - Drive wheel 21,7 63 510 700 Electronical 195 - 105 14900
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The design and materials specification are subject to alteration without prior notice. Tolerances according to Kalmar LMV K-standard 95430.0009. drd450-80s5xs.doc\utg.3\Sid1(2)\1998-06-09\PEJ

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