



# TECHNICAL DATA

## Truck model

## DC4160RS4

### Lifting data

Lift capacity at load centre L1, rated - at max height, top lift	kg	41000-41000
Lift capacity at load centre L2, rated - max height	kg	24000-24000
Lift speed, unloaded - at rated load <sup>1)</sup>	m/s	0,23-0,21
Lowering speed (adjustable), unloaded - at rated load	m/s	0,23-0,25

### Driving data

Speed forward, unloaded - at rated load	km/h	25-21
Speed reverse, unloaded - at rated load	km/h	25-21
Incline, driving ability - at rated load at 2 km/h	%	20
Incline, driving ability - at rated load at 0 km/h	%	31
Towing ability	kN	320

### Weight of truck

Service weight	kg	60400
Axle pressure front at load centre L1, unloaded - at rated load	kg	30700 - 89500
Axle pressure front at load centre L2, unloaded - at rated load	kg	34900 - 77500
Axle pressure rear at load centre L1, unloaded - at rated load	kg	29700 - 11900
Axle pressure rear at load centre L2, unloaded - at rated load	kg	25500 - 6900

### Engine

Make - type designation		Volvo - TWD 1030 ME
Fuel - type of engine		Diesel - 4-stroke
Power ISO 3046 at speed	kW (hp) - rpm	212 (288) - 2200
Torque ISO 3046 - at speed	Nm - rpm	1260 - 1200
No. of cylinders - compression		6 - 18 : 1
Alternator, type - power	W	AC - 1540
Starting battery, voltage capacity	V - Ah	2x12 - 135
Fuel consumption, normal driving	l/h	14-16

### Transmission

Gearbox, make - type designation		Clark - 15.5HR 34432
Clutch, type		Torque converter
Gearbox, type		Powershift
No. of gears, forward - reverse		4 - 4
Drive axle, - type		Rockwell - PRC 5324 W4H with hub reduction, wide track
Gearing ratio, gearbox : hub		5,81/2,42/1,38/0,78 : 31,71

### Wheels

Wheels, front and rear		Pneumatic
Wheel dimensions, front and rear	mm	18,00x25
Pressure, front and rear	MPa	0,9

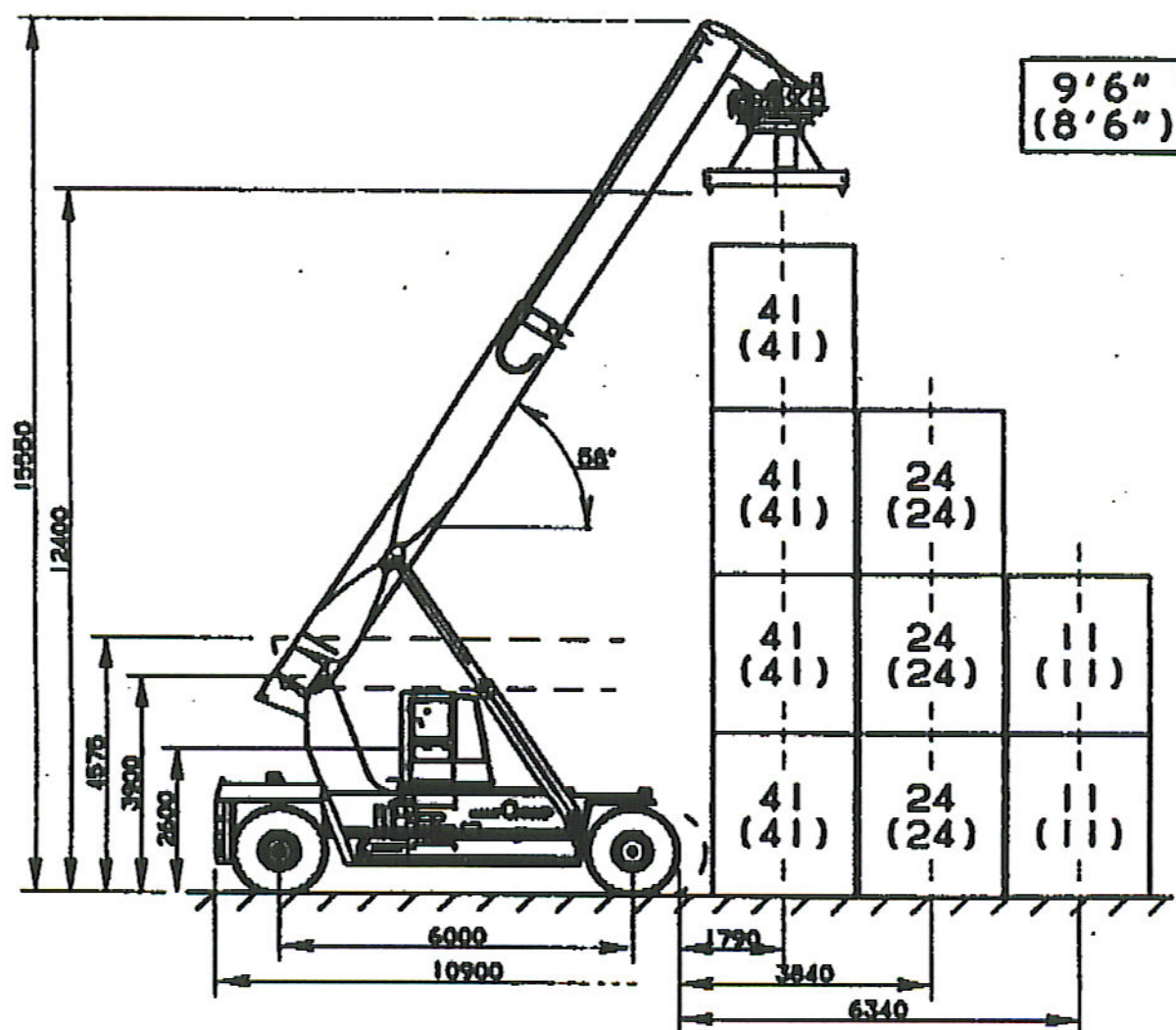
### Steering and brake system

Steering system		Servo assisted
Driving brake system, type - affected wheels		Hydraulic - drive wheels
Parking brake system, type - affected wheels		Spring brake - drive wheels

### Liquid capacities

Fuel	l	400
Cooling system	l	46
Hydraulic system	l	600
Drive axle	l	67
Gearbox	l	42
Engine	l	21

Hydraulic oil pressure	MPa	18,5
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## DC4160RS4

### Dimensions

A1	Min aisle for 90° stacking 20' container	mm	12050
A2	Min aisle for 90° stacking 40' container	mm	14500
B	Width of truck	mm	4150
V	Width across spreader, min.	mm	6080
	Width across spreader, max.	mm	12182
V1	Sidechill, max.	mm	± 800
θ	Swivelling angle	°	+ 165/-95
	Ground clearance, centre of wheel base	mm	475

The design and materials specification are subject to alteration without prior notice.

