

# KOMPRESS



## KCQD20 Reach Lift Truck

Model		KCQD20
Power		electric
Operator tyer		seated
Capacity distance	Q (kg)	2000
Load centre distance	c (mm)	500
Load distance, centre of drive axle to fork	x (mm)	380
Wheelbase	y (mm)	1500
Service weight (with battery)	kg	3900
Axle loading, unladen front / rear	kg	2480 / 1420
Axle loading, fork advanced, laden front / rear	kg	942 / 4958
Axle loading, fork retracted, laden front / rear	kg	2324 / 3576
Tyre size, front		Φ 406
Tyre size, rear		Φ 340
Tread, front	b10 (mm)	~
Tread, rear	b11 (mm)	1130
Tilt of mast / fork carriage forward / backward	Grad	2,2 (mast)
Height, mast lowered	h1 (mm)	3190
Free lift	h2 (mm)	2500
Max. lift height	h3 (mm)	7400
Height, mast extended	h4 (mm)	8200
Height of overhead guard (cabin)	h6 (mm)	2200
Seat height / stand height	h7 (mm)	1086
Height of crura	h8 (mm)	270
Overall length	l1 (mm)	2440
Length to face of forks	l2 (mm)	1070
Overall width	b1 (mm)	1260
Fork dimensions	s/e/l (mm)	50
Fork carriage DIN15713, class /type A, B		A
Fork carriage width	b3 (mm)	928
Distance between fork-arms	b5 (mm)	640
Distance between support arms / loading surfaces	b4 (mm)	900
Rech distance	l4 (mm)	600
Ground clearance, laden, below mast	m1 (mm)	90
Ground clearance, centre of wheelbase	m2 (mm)	80
Aisle width for pallets 1000 x1200 crossways	Ast (mm)	2800
Aisle width for pallets 800 x1200 lengthways	Ast (mm)	2700
Turning radius	Wa (mm)	1820
Length across wheel arms	l7 (mm)	1950
Travel speed, laden /unladen	Km /h	8 /8.3
Lift speed, laden /unladen	m /s	0.19 /0.2
Lowering speed, laden/unladen	m /s	0.5 /0.4
Reaching speed, laden /unladen	m /s	0.1 /0.1
Gradeability, laden / unladen	%	10,12
Max. gradeability, laden / unladen	%	12,15
Acceleration time, laden /unladen	s	4.8 /4.3
Service brake		hydraulic
Drive motor rating S2 60 min	KW	4
Lift motor rating at S3 15%	KW	8.2
Battery voltage, nominal capacity KS	V /Ah	48 /500
Battery weight	kg	860
Battery dimensions l /w /h	mm	1220 x350 x750
Operating pressure for attachments	bar	160
Sound level at the driver's ear acc. to DIN 12053	dB (A)	70



Manual Pallet Trucks & Manual & Power Lift Tables



Semi-Electric & Electric Pallet Trucks



Manual, Semi-Electric & Electric Stackers



Fork Lifts & Reach Lift Trucks



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MATERIAL HANDLING EQUIPMENT

- Manual Pallet Trucks
- Semi-Electric & Electric Pallet Trucks
- Manual Stackers
- Semi-Electric & Electric Stackers
- Forklifts
- Reach Lift Trucks
- Warehouse Equipment





### KDB

#### Best light and simple design Pallet Truck



Model		KDB
Capacity	Q (kg)	2000
Service weight	kg	55-60
Steering wheel	mm	Φ 160
Fork wheel	mm	Φ 70
Max. lift height	h3 (mm)	115
Total height	h14 (mm)	1160
Lowered fork height	h13 (mm)	75
Overall length	l1 (mm)	1520 /1590
Fork dimensions	s/e/l	53 /150 /1150 (1220)
Distance between fork-arms	b5 (mm)	520 /550 /680
Ground clearance, centre of wheelbase	m2 (mm)	22
Aisle width for pallets 1000x1200 crossways	Ast (mm)	1720 /1790
Aisle width for pallets 800x1200 lengthways	Ast (mm)	1770 /1790
Turning radius	Wa (mm)	1265 /1335

#### Features:

- Standard epoxy powder coat finish which is resistant to chips and normal corrosion.
- Exceptionally strong but light weight steel construction, self weight is only 55kgs.
- With welded joints and reinforced fork tips for most durability in the toughest of applications.
- 3 position control lever Lifting-Neutral-Lowering handle.
- Excellent turning angle of 190 degrees facilities.
- Number of pump strokes 12 times; lift height per stroke 11mm.
- Reliable oil leak-proof hydraulic system.

Remark: Special size for width and length can be made according to customer's requirement.

### KDF

#### Most compact and maneuverable Pallet Truck



Model		KDF
Capacity	Q(kg)	2500
Service weight	kg	65-77
Steering wheel	mm	Φ 180
Fork wheel	mm	Φ 80
Max. lift height	h3 (mm)	115
Total height	h14 (mm)	1233.5
Lowered fork height	h13 (mm)	85
Overall length	l1 (mm)	1528.5 /1598.5
Fork dimensions	s/e/l	53 /160 /1150(1220)
Distance between fork-arms	b5 (mm)	520/550/685
Ground clearance, centre of wheelbase	m2 (mm)	32
Aisle width for pallets 1000x1200 crossways	Ast (mm)	1728.5 /1798.5
Aisle width for pallets 800x1200 lengthways	Ast (mm)	1778.5 /1798.5
Turning radius	Wa (mm)	1244.5 /1314.5

#### Features:

- The oil pump body is made by way of welding the prefabricated parts together first, then machining the welded body.
- Chrome piston and ram for smooth operation and prevents excessive wear on the pump & seal.
- Excellent turning angle of 180 degrees facilities.
- Number of pump strokes -10. Lift height per stroke: 11mm.
- Option: nylon wheel, polyurethane wheel, rubber wheel, single fork roller or tandem fork roller.

Remark: (1) Capacity 2000/3000kg available.

(2) Special size for width and length can be made according to customer's requirement.



### KCBD20M

#### Electric Pallet Truck



MODEL		KCBD20M
Capacity	Q (kg)	2000
Load centre distance	c (mm)	600
Service weight (with battery)	kg	500
Max. lift	h3 (mm)	120
Lowered height	h13 (mm)	85
Wheelbase fork height	y (mm)	1268
Tread, rear	b11(mm)	340 /370 /470 /505
Overall length	l1 (mm)	1872
Fork dimensions	s/e/l (mm)	48x180x1150
Distance between fork-arms	b5 (mm)	520 /550 /650 /685
Aisle width for pallets 1000x1200 crossways	Ast (mm)	2811 /2861 /2931
Aisle width for pallets 800x1200 lengthways	Ast (mm)	2755 /2805 /2875
Turning radius	Wa (mm)	1970 /2020 /2090
Travel speed, laden /unladen	Km/h	4.5 /6.2
Max. gradeability, laden /unladen	%	5 /12
Drive motor rating S2 60 min	kW	0.9
Battery voltage, nominal capacity K5	V/Ah	24 /200
Battery weight	kg	120
Battery dimensions l /w /h	mm	250x190x295

#### Advantages:

- Ideal for long distance and horizontal distribution: pedestrian controlled or with driver platform.
- Safety reversing device reduces the chance of operator injury.
- Low profile design provides excellent visibility.
- Auto-Brake control providing automatic braking on releasing drive switch.
- MOSFET controller with electric throttle.

### KSDJ1030

#### Manual Stacker



Model		KSDJ1030
Load capacity /rated load	Q (kg)	1000
Load centre distance	c (mm)	600
Service weight	kg	307
Height, most lowered	h1 (mm)	2080
Max. lift height	h3 (mm)	3000
Height, most extended	h4 (mm)	3420
Lowered fork height	h13 (mm)	90
Overall length	l1 (mm)	1655 /1705
Overall width	b1 (mm)	860
Fork dimensions	s/e/l (mm)	61 /170 /1100 (1150)
Distance between fork-arms	b5 (mm)	550
Round clearance, laden, below mast	m1 (mm)	25
Aisle width for pallets 1000 x1200 crossways	Ast (mm)	1855 /1905
Aisle width for pallets 800 x1200 lengthways	Ast (mm)	1906 /1958
Turning radius	Wa (mm)	1380
Lift speed, laden /unladen	mm/s	25
Lowering speed, laden /unladen	mm/s	Manual Control

#### Advantages:

- Robust Steel profile construction.
- An economical lift to handle tasks from transporting dies and moulds skids and pallets.
- Sturdy and compact enough to fit through standard doors and to operate in congested areas.
- Precision engineered for smooth performance and exceptional durability.
- Lifting function operated by foot and hand controls.
- Allows the operator to work without having to perform extreme body movements.
- KSDJ with fixed forks



### KCDD15B

#### Semi-Electric Stacker



Model		KCDD15B
Capacity	Q (kg)	1500
Max. lift height	h3 (mm)	1600 /2500 /3000 /3300
Service weight (with battery)	kg	580 /660 /680 /700
Load centre distance	c (mm)	500
Load distance, centre of drive axle to fork	x (mm)	815
Wheelbase	y (mm)	1355
Tread, front	b10 (mm)	610
Tread, rear	b11 (mm)	410 /525
Height, most lowered	h1 (mm)	2090 /1840 /2090 /2200
Height, most extended	h4 (mm)	2090 /2997 /3497 /3797
Fork dimensions	s/e/l (mm)	60 /170 /1070 (1150)
Lowered fork height	h13 (mm)	90
Overall width	b1 (mm)	722
Distance between fork-arms	b5 (mm)	580 / 695
Aisle width for pallets 1000 x1200 crossways	Ast (mm)	2188
Aisle width for pallets 800 x1200 lengthways	Ast (mm)	2135
Turning radius	Wa (mm)	1340
Lift speed, laden /unladen	m/s	0.08 / 0.1
Lowering speed, laden /unladen	m/s	0.15 / 0.12
Lift motor rating at S3 15%	kW	2.2
Battery voltage, nominal capacity K5	V/Ah	24 /240
Battery weight	kg	120
Battery dimensions l /w /h	mm	250 x190 x295

#### Advantages:

- Compact design with strong European steel construction.
- A robust fork lift with strong support arms and mast for minimal bending, safe lifting and long lift.
- Simple and convenient lifting operating system.
- Light and easy manual steering systems, fitted with a parking brake.
- Smooth control of lifting and lowering for high precision.
- Energy saving and regenerative, safe and efficient.
- Special designs are available according to customers' requirements.

### KCDD2045

#### High Lift Electric Stacker



Model		KCDD2045
Capacity	kg	2000
Load centre distance	mm	500
Load distance, centre of drive axle to fork	mm	870
Wheelbase	mm	1357
Service weight (with battery)	kg	1600
Axle loading, laden front /rear	kg	1554 /2046
Axle loading, unladen front /rear	kg	1279 /321
Tyres material		polyurethane
Additional wheels (dimensions)		Φ150 x 60
Tread, front	mm	886
Tread, rear	mm	525
Height, most lowered	mm	2087
Free lift	mm	~
Max. lift height	mm	4500
Height, most extended	mm	5055
Lowered fork height	mm	90
Overall length	mm	1955
Length to face of forks	mm	802
Overall width	mm	1220.8 -1630
Fork dimensions	mm	60 x170 x1070
Distance between fork-arms	mm	695
Ground clearance, centre of wheelbase	mm	21
Aisle width for pallets 1000 x1200 crossways	mm	2464
Aisle width for pallets 800 x1200 lengthways	mm	2401
Turning radius	mm	1629
Travel speed, laden /unladen	Km/h	4.5 /5.6
Lift speed, laden /unladen	m/s	0.09 /0.11
Service brake		electromagnetic braking system
Battery voltage, nominal capacity K5	V/Ah	24 /275

#### Advantages:

- Power driven (Self-propelled).
- With the latest ergonomic design.
- Exceptionally maneuverable and load carrying performance, combined with effortless lift and travel.
- Electro-magnetic braking by interruption of electric circuit. Permanent stop when tiller is placed within 20° of vertical or in horizontal position.
- MOSFET controller with electric throttle.