

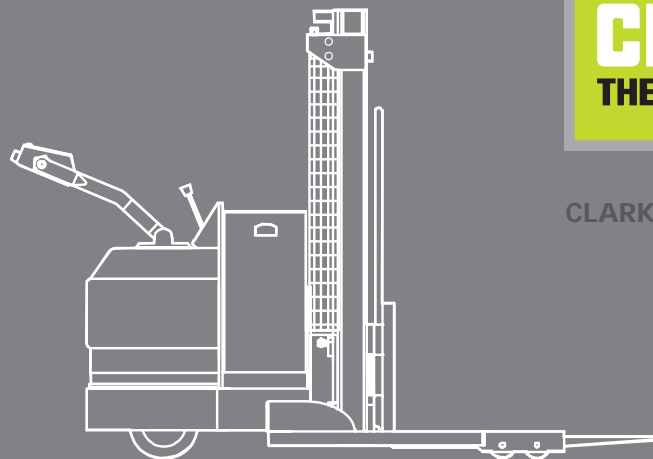
# POWERWORKERS

Electric 24 Volt Walkie Straddle  
Electric 24 Volt Walkie Reach

CS15  
CS20  
CSP15

3000 lbs 1365 kg  
4000 lbs 1815 kg  
3000 lbs 1365 kg

# CS15/20 CSP15



CLARK THE FORKLIFT

North America

Korea

w w w . c l a r k m h c . c o m

# SPECIFICATIONS

General Information	1	Manufacturer		Clark	Clark	Clark	
	2	Model	Manufacturer's Designation	CS 15	CS 20	CSP 15	
	3	Load capacity		lbs(kg)	3000 (1365)	4000 (1815)	3000 (1365)
	4	Load center	Fork face to load CG	in(mm)	24 (600)	24 (600)	24 (600)
	5	Drive Unit	Type		24 volt	24 volt	24 volt
	6	Operator Type			Hand, pedestrian	Hand, pedestrian	Hand, pedestrian
	7	Tire Type	Front / rear		Poly / Poly	Poly / Poly	Poly / Poly
	8	Wheels (x=driven)	Front / rear		4 / 1x	4 / 1x	4 / 1x
Dimensions	9	Upright	Maximum fork height, full capacity	in(mm)	160 (4064)	150 (43810)	118 (2997)
	10		Lift height	in(mm)	130 (3302)	130 (3302)	130 (3302)
	11		Free lift	in(mm)	7 (178)	7 (178)	4 (102)
	12	Tilt, back/forward	Standard upright	degrees	-	-	6 / 2
	14	Forks	Standard fork size (TxWxL)	in(mm)	1.75x4x42 (44x100x1067)	1.75x4x42 (44x100x1067)	1.75x4x42 (44x100x1067)
	15	Overall dimensions	Length to fork face	in(mm)	47.5 (1205)	47.5 (1205)	50.5 (1283)
	16		Outrigger I.D., adjustable	in(mm)	36-50 (915-1270)	36-50 (915-1270)	36-50 (915-1270)
	17		Height, upright lowered	in(mm)	83 (2108)	83 (2108)	83 (2108)
	18		Height, upright extended (incl. LBR)	in(mm)	178 (4521)	178 (4521)	178 (4521)
	19	Turning Radius		in(mm)	67.75 (1720)	67.75 (1720)	67.75 (1720)
Performance	22	Right angle stack aisle	Add 8 in. for operating clearance	in(mm)	90 (2286)	90 (2286)	93 (2362)
	23	Stability	According to ANSI		Yes	Yes	Yes
	24	Travel Speeds	With load	mph(kph)	2.2 (3.5)	2.1 (3.4)	2.2 (3.5)
			Without load	mph(kph)	3.5 (5.6)	3.5 (5.6)	3.5 (5.6)
	25	Lift speeds	With load	fpm(ms)	25 (0.13)	20 (0.10)	25 (0.13)
			Without load	fpm(ms)	45 (0.23)	45 (0.23)	45 (0.23)
	Lower Speed	With load	fpm(ms)	43 (0.22)	26 (0.13)	43 (0.22)	
		Without load	fpm(ms)	31 (0.16)	31 (0.16)	31 (0.16)	
wt	30	Service Weight	Including battery	lbs(kg)	2685 (1220)	2685 (1220)	3135 (1425)
Chassis	32	Tires	Number, front/rear		4 /1	4 /1	4 /1
	33		Size, front	in(mm)	4x3 (100x75)	4x3 (100x75)	4x3 (100x75)
	34		Size, rear	in(mm)	10x4 (255x100)	10x4 (255x100)	10x4 (255x100)
	35	Wheelbase		in(mm)	59.2 (1500)	59.2 (1500)	59.2 (1500)
	39	Brakes	Service		Wet Disc	Wet Disc	Wet Disc
	40		parking		Spring applied	Spring applied	Spring applied
		Steering			Pivot arm	Pivot arm	
Drive Line	41	Battery	Type		Lead acid	Lead acid	Lead acid
	42		Max. capacity	kWh	12.2	12.2	12.2
	43		Weight, minimum	lbs(kg)	900 (409)	900 (409)	900 (409)
	44	Motors, Controls	Drive motors, dia.	in(mm)	6 (152)	6 (152)	6 (152)
	45		Hydraulic motors, dia.	in(mm)	4.75 (121)	4.75 (121)	4.75 (121)
			Drive motor control		Solid state	Solid state	Solid state
			Speed control		Infinitely variable	Infinitely variable	Infinitely variable
		Hydraulic motor control		Solenoid	Solenoid	Solenoid	

Notes: 1 Specifications are shown for CS/CSP with 900 lbs. (410 kg) industrial battery and 130 in. (3302 mm) upright.

## Upright Table

Maximum Fork Height		Overall Height Lowered		Free Lift	
in	mm	in	mm	in	mm
<b>Single Stage</b>					
63	1600	78	1981	30*	1600
<b>Two Stage</b>					
118	2997	78	1981	8	203
130	3302	83	2108	8	203
130	3302	83	2108	35**	890
150	3810	93	2362	8	203
<b>Triple Stage</b>					
160	4064	78	1981	8	203
172	4368	83	2108	35**	890

\* w/LBR; w/o LBR freelif is 58"  
 \*\* w/LBR; w/o LBR freelif is 63"

## Battery Compartment Dimensions

For Industrial Battery

Width (W)		Length (L)		Height (H)	
in	mm	in	mm	in	mm

CS15/20 & CSP15

32	810	13.25	355	Open	Open
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## Notes

Clark products and specifications are subject to change without notice.

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## Minimum Right Angle Stack Aisle\*

Pallet or Load Size Length (L) x Width (W)	Minimum Aisle Requirement	
	CS	CSP
48 x 40 / 1219 x 1016	90 / 2286	93 / 2362
48 x 48 / 1219 x 1219	90 / 2286	93 / 2362

\*Based on 5 in. (127 mm) side clearance per side.  
 Add an extra 8 in. (205mm) for ease of operation.

## Performance

Performances are for trucks with 900 lb. (410 kg) industrial battery. Performance may vary +5% or -10% due to motor, tire, drive unit and hydraulic efficiency tolerances and battery weight.

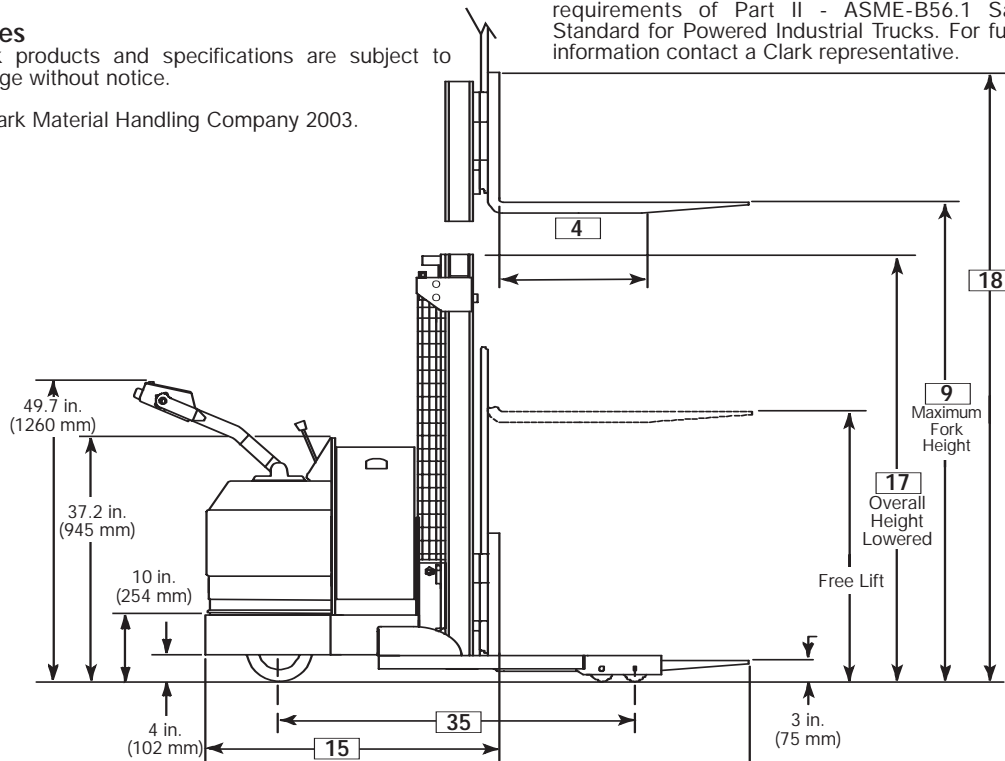
## Truck Capacity

Load centers are determined from top and front face of forks. Capacities are based on a 48 in. (1219 mm) cube load configuration with the center of gravity at the center of the cube and standard forks.

Specific capacities are shown on truck nameplates.

## ASME and Insurance Classification

Standard truck meets all applicable mandatory requirements of Part II - ASME-B56.1 Safety Standard for Powered Industrial Trucks. For further information contact a Clark representative.



## CS15/20 - CSP15

