CLARK

STE16-20

16/18/20

SE16-20

16/20

SERIES

STE Max Load Capacity
3200/3600/4000 lbs.
(1451/1632/1814 kg)

SE Max Load Capacity
3200/4000 lbs.
(1451/1814 kg)

OVERVIEW

01

COMPACT POWER. BIG PERFORMANCE.

Small footprint. Strong performance. The 48 Volt CLARK STE/SE16-20 series delivers power, maneuverability, and operator comfort in a design built for tight spaces. Ideal for high-value facilities, narrow aisles, and indoor/outdoor versatility, these CLARK Fusion lithium battery-powered trucks work where space and productivity matter most.

S SERIES LI-ION
VOLTAGE: 48

STE16-20

3 Wheel

Best for tight turns and confined areas

Capacity

MODELS	LBS	KG
STE16	3,200	1,451
STE18	3,600	1,632
STE20	4,000	1,814

Turn Radius

STE16	60.9"
STE18	65.2"
STE20	66.7"

S SERIES
VOLTAGE: 48

SE16-20

4 Wheel

Greater stability for longer runs and uneven surfaces

Capacity

MODELS	LBS	KG
SE16	3,200	1,451
SE20	4,000	1,814

Turn Radius

SE16	64.1"
SE20	68.3"

Lithium-Ion Battery

LI-ION

The 48V lithium-ion battery, available directly from the factory, increases ROI, decreases downtime, and retains higher sustained power with no voltage drop-off during operation. Additional features of the lithium-ion battery include:

- Virtually maintenance-free, with no watering or battery swapping required.
- Provides a safer working environment with no acid to leak.
- Longer battery life, requiring fewer replacements.

Charge Anywhere. No Charging Room Required.

- Opportunity Charging – Use the easy charge port to extend runtime during breaks.
- No dedicated battery room reduces facility costs and increases productivity.

CLARK Fusion Battery Features

- 4G Remote Monitoring – Track performance from anywhere
- Integrated Heater – Warms battery during cold temp charging
- Fire-Resistant Design – Lithium Batteries include automatic fire suppression

FEATURE 02

PERFORMANCE THAT LASTS

CLARK Fusion Lithium Power. Experience consistent, maintenance-free power, without compromise.

Full PowerAll Shift
No performance fade as battery charge is used

Fast Charging
From 20% to 100% in 1.92 hours

Zero Maintenance
No watering, no acid refills, no battery swaps

Twice the Battery Life
Save up to 50% compared to lead-acid batteries.

Runtime
8 hr medium application (45-Min. opportunity charge)

9.3 MPH
loaded or unloaded

Operating Temp
-4°F to 131°F

CLARK Fusion Lithium Battery Warranty:
60 months / 10,000 hours

FEATURE 03

THE CLARK ADVANTAGE

The CLARK STE/SE16-20 series combines compact design, smart lithium technology, and operator-focused comfort. Get more done with less space, less effort, and less downtime, backed by CLARK's century-long legacy of dependable performance.

Built For Tight Spaces

Compact footprint and tight turning radius (as low as 60.91"). Designed specifically to work in confined or high-value spaces:

- Narrow aisles
- Cold storage
- Mixed environments
- Packed warehouses
- Retail back rooms

Safety By Design

CLARK's safety-first design keeps operators confident and loads secure.

- Automatic Brake – Engages when the operator leaves the seat
- Automatic Parking Brake – Engages when stationary, or the truck is turned off
- Vertical Mast System (VMS) – Auto-levels forks for stable loads
- Automatic speed reduction based on steering angle

Smart Dash Display

Three programmable drive modes: Economy, Standard, and Power. A full-color 5.2" LCD screen delivers real-time insight.

- Battery charge level, temperatures, and performance
- Diagnose problems without a laptop or opening the hood.
- Automatic protection mode if motor or hydraulics overheat

Controls & Dash

Precision Control Options: Select the setup that best suits your workflow.

- Short-Reach Levers – Standard next to the seat
- Fingertip Controls – Optional, integrated into the armrest
- Automatic applied parking brake

Mast Strength & Visibility

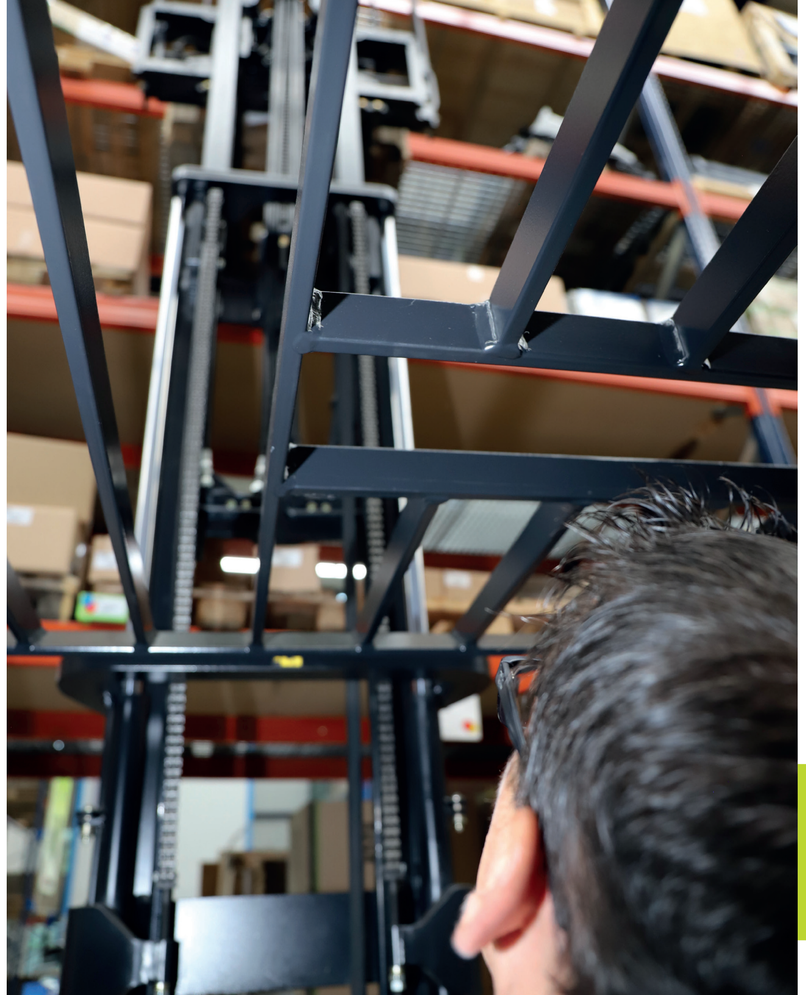
CLARK's patented nested I-beam construction increases strength, reduces deflection, and improves operator confidence, especially at full height.

- Patented Strength. Confident Handling.
- Lift speeds from 55.1/78.7 to 96.4/98.4 fpm (loaded/unloaded)
- Nested I-Beam Mast – Superior strength, less deflection
- Mast Cushioning – Smooth lift/lower at travel limits
- Clear Forward View – Slim mast profile, low cowl, wide visibility

Operator Comfort

Designed with driver comfort in mind for increased productivity, and it's adjustable to fit operators of every size and shape.

- Easy Entry & Exit – Wide, low step with non-slip surface
- Spacious Cabin – Ample knee, leg, and foot room
- Quiet Ride – Rubber floor mat absorbs vibration and noise
- Top-Tilt steering column helps preserve leg room
- Suspension Seat with adjustable backrest
- Multiple Storage Areas – Keep essentials close
- Up to 50% less breaking effort for improved operator control



Chassis & Drive

Built for lasting performance and easy service access.

- Dual AC Drive Motors – Smooth, responsive acceleration
- Wet Disc Brakes – Sealed, durable, and low maintenance
- Independent Motor Control – Precision turning on STE
- Enclosed Components – Protected for long life
- Regenerative braking via drive motors

Lighting & Accessories

Don't pay extra for safety and versatility. Every CLARK forklift comes fully equipped with the premium features your facility needs to keep drivers safe.

Standard Equipment

- Dual LED headlights
- LED signal and combination lights
- Power steering
- 42" forks, 48" backrest
- Solid pneumatic tires

Optional Equipment

- Blue safety lights (front/rear)
- LED rear work light
- Strobe lights (blue, amber, red)
- Rear-view or panoramic mirror
- Rear grab handle with horn
- Side shifters, fork positioners, and more

CLARK MATERIAL HANDLING COMPANY

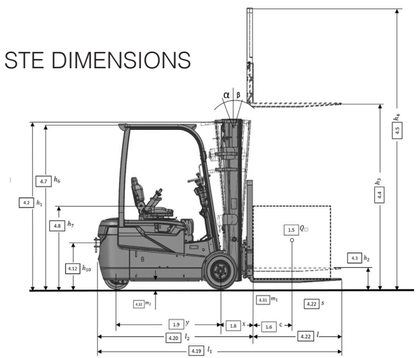
The First Name in Forklifts

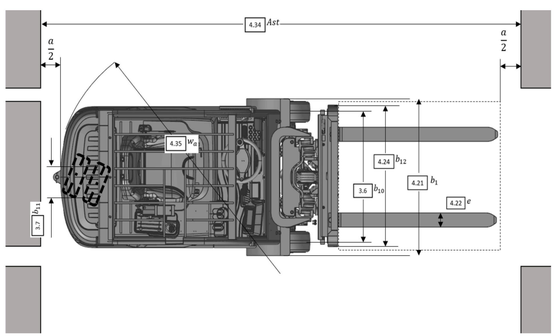
STE 16-20 SPEC SHEET

SPECIFICATIONS	1.1	Manufacture (Abbreviation)		CLARK		CLARK		CLARK		
	1.2	Manufacture's designation		STE16		STE18		STE20s		
	1.3	Drive Unit		Electric-48V		Electric-48V		Electric-48V		
	1.4	Operator type stand on / driver seated		Rider-seated		Rider-seated		Rider-seated		
	1.5	Load Capacity / rated load	Q	3200		3600		4000		
	1.6	Load Center distance	c	24		24		24		
	1.8	Load Center distance, centre of drive axle to fork face	x	14.0		14.0		14.2		
	1.9	Wheelbase	y	51.7		55.9		55.9		
WT	2.1	Service weight	lbs	6771.6		7060.4		7486.0		
	2.2	Axle loading, laden front / rear	lbs	9234.5	1065.0	9838.7	1192.9	10603.8	1292.1	
	2.3	Axle loading, unladen front / rear	lbs	3574.3	3197.3	3472.9	3587.5	3532.4	3953.6	
TIRES.	3.1	Tire type, P=pneumatic, SE-superelastic, C=cushion		SE		SE		SE		
	3.2	Tire size, front		18x7-8		18x7-8		200/50-10		
	3.3	Tire size, rear		15x4.5x8		15x4.5x-8		15x4.5x8		
	3.5	Wheels, number front/rear (x=drive wheels)		2x/2		2x/2		2x/2		
	3.6	Tread, front	in	35.6		35.6		36.0		
	3.7	Tread, rear	in	7.6		7.6		7.6		
DIMENSIONS	4.1	Tilt of upright/fork carriage, α / β	deg.	6/6		6/6		6/6		
	4.2	Height, upright lowered	in	80.8		80.8		80.8		
	4.3	Freelift	in	5.2		5.2		5.2		
	4.4	Lift height 1)	in	121.5		121.5		121.5		
	4.5	Height upright extended	in	146		146		146		
	4.7	Height overheadguard (cab): Std / Container	in	81.3		81.3		81.3		
	4.8	Seat height/stand height	in	40.2		40.2		40.2		
	4.12	Coupling height	in	14		14		14		
	4.19	Overall length	in	117.2		121.4		123.2		
	4.20	Length to face of forks	in	75.0		79.3		81.1		
	4.21	Width	in	41.7		41.7		44.2		
	4.22	Fork dimensions	mm	40x100x1070		40x100x1070		40x100x1070		
	4.23	Fork carriage ISO 2328, A, B		II A		II A		II A		
	4.24	Fork carriage width	in	37.0		37.0		37.0		
	4.31	Ground clearance minimum, unladen	in	3.3		3.3		3.3		
	4.32	Ground clearance center of wheelbase	in	3.9		3.9		3.9		
	4.33	Aisle Width for pallets 1000 x 1200 crossways	in	126.9		131.1		132.9		
	4.34	Aisle width for pallets 800 X 1200 lengthways	in	131.8		136.0		137.8		
	4.35	Turning radius	in	60.9		65.2		66.7		
	4.36	Internal Turning radius	in	0.0		0.0		0.0		

PER-FORMANCE	5.1	Travel speed laden/unladen	mph	9.3	9.3	9.3	9.3	9.3	9.3	
	5.2	Lift speed laden/unladen	fpm	78.72	98.40	72.82	98.40	55.10	96.43	
	5.3	Lowering speed laden/unladen	fpm	112.18	102.34	112.18	102.34	112.18	102.34	
	5.5	Drawbar pull laden	lbs							
	5.6	Max. drawbar pull laden/unladen	lbs	3713.2	1700.1	3693.4	1660.4	3620.6	1684.6	
	5.7	Gradeability laden	%							
	5.8	Max. gradeability laden/unladen	%	27.0	22.0	26.0	21.0	25.0	20.0	
	5.9	Acceleration time laden/unladen (0 - 15 m)	s	0	0	0	0	0	0	
	5.10	Service brake								
DRIVE LINE	6.1	Drive motor rating (S2 60min)	kW	2x4.4		2x4.4		2x4.4		
	6.2	Lift motor rating (S3 15%)	kW	15.2		15.2		15.2		
	6.3	Battery acc .to DIN43531/35/36 A,B,C,no		Lead Acid		Lead Acid		Lead Acid		
	6.4	Battery voltage, nominal capacity	AH/6hr	595		595		595		
	6.5	Battery weight (Min/Max)								
		Battery accid	lbs	1484	1641	1793	1982	1793	1982	
		Battery lithium	lbs	1574		1903		1903		
	6.6	Energy consumption acc, to VDI cycle	kWh/h	672.0		813.0		813.0		
	-	Diameter of drive motor	in							
	-	Diameter of hydraulic motor	in							
	-	Drive motor control		0		0		0		
	-	Speed control		Invertor		Invertor		Invertor		
	-	Hydraulic motor control		Mosfet		Mosfet		Mosfet		
MISC.	8.2	Operating pressure for attachments	psi	1991.2		1991.2		1991.2		
	8.3	Oil volume for attachments								
	8.4	Sound level, driver's ear according to DIN 12053	dB(A)	68.0		68.0		68.0		
	8.5	Towing coupling, class/type DIN								

STE DIMENSIONS



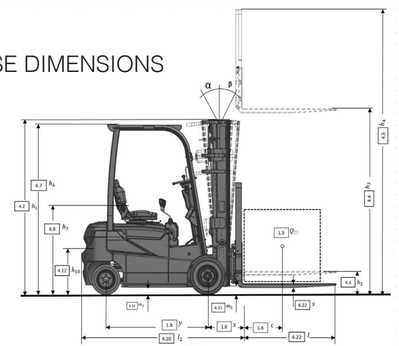


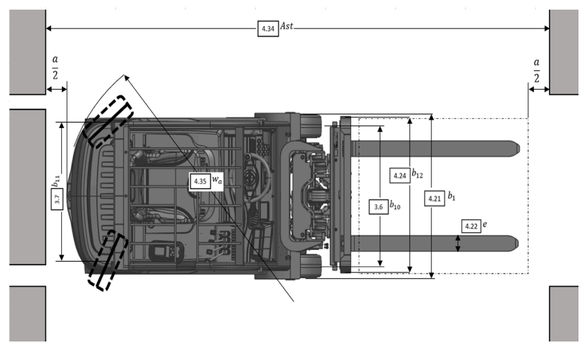
SE16-20 SPEC SHEET

SPECIFICATIONS	1.1	Manufacture (Abbreviation)		CLARK		CLARK	
	1.2	Manufacture's designation		SE 16		SE20s	
	1.3	Drive Unit		Elec-48V		Electric-48V	
	1.4	Operator type stand on / driver seated		Rider-seated		Rider-seated	
	1.5	Load Capacity / rated load	lbs	3200		4000	
	1.6	Load Center distance	in	24		24	
	1.8	Load Center distance, centre of drive axle to fork face	in	14.0		14.2	
	1.9	Wheelbase	in	51.7		55.9	
WT	2.1	Service weight	lbs	6950.2		7560.9	
	2.2	Axle loading, laden front / rear	lbs	8813.4	1664.8	10533.3	1437.7
	2.3	Axle loading, unladen front / rear	lbs	3142.1	3808.0	3457.4	4103.5
TIRES, CHASSIS	3.1	Tire type, P=pneumatic, SE-superelastic, C=cushion		SE		SE	
	3.2	Tire size, front		18x7-8		200/50-10	
	3.3	Tire size, rear		15x4.5x8		15x4.5x8	
	3.5	Wheels, number front/rear (x=drive wheels)		2X/2		2x/2	
	3.6	Tread, front	in	35.6		36.0	
	3.7	Tread, rear	in	34.3		34.3	
DIMENSIONS	4.1	Tilt of upright/fork carriage, α / β	deg.	6/6		6/6	
	4.2	Height, upright lowered	in	81.2		81.2	
	4.3	Freelift	in	5.0		5.2	
	4.4	Lift height 1)	in	121.5		121.5	
	4.5	Height upright extended	in	170		170	
	4.7	Height overheadguard (cab): Std / Container	in	80.9		81.1	
	4.8	Seat height/stand height	in	40.2		40.2	
	4.12	Coupling height	in	14		14	
	4.19	Overall length	in	120.2		124.8	
	4.20	Length to face of forks	in	78.2		82.6	
	4.21	Width	in	41.7		44.2	
	4.22	Fork dimensions	mm				
	4.23	Fork carriage ISO 2328, A, B		CL IIA		CL IIA	
	4.24	Fork carriage width	in	37.0		37.0	
	4.31	Ground clearance minimum, unladen	in	3.3		3.3	
	4.32	Ground clearance center of wheelbase	in	3.3		3.4	
	4.33	Aisle Width for pallets 1000 x 1200 crossways	in	130.0		134.4	
	4.34	Aisle width for pallets 800 X 1200 lengthways	in	134.9		139.3	
	4.35	Turning radius	in	64.1		68.3	
	4.36	Internal Turning radius	in	0.0		0.0	

PER-FORMANCE	5.1	Travel speed laden/unladen	mph	9.3	9.3	9.3	9.3
	5.2	Lift speed laden/unladen	fpm	78.72	98.40	55.10	96.43
	5.3	Lowering speed laden/unladen	fpm	112.18	102.3	112.18	102.3
	5.5	Drawbar pull laden	lbs				
	5.6	Max. drawbar pull laden/unladen	lbs	3677.9	1636.1	3609.6	1647.1
	5.7	Gradeability laden	%				
	5.8	Max. gradeability laden/unladen	%	27.0	22.0	25.0	20.0
	5.9	Acceleration time laden/unladen (0 - 15 m)	s	0	0	0	0
	5.10	Service brake					
DRIVE LINE	6.1	Drive motor rating (S2 60min)	kW	2x4.4		2x4.4	
	6.2	Lift motor rating (S3 15%)	kW	15.2		15.2	
	6.3	Battery acc .to DIN43531/35/36 A,B,C,no		Lead Acid		Lead Acid	
	6.4	Battery voltage, nominal capacity	AH/6hr	595		595	
	6.5	Battery weight (Min/Max)					
		Battery accid	lbs	1482	1641	1793	1982
		Battery lithium	lbs	1574		1903	
	6.6	Energy consumption acc, to VDI cycle	kWh/h				
	-	Diameter of drive motor	in				
	-	Diameter of hydraulic motor	in				
	-	Drive motor control		Invertor		Invertor	
	-	Speed control		Mosfet		Mosfet	
	-	Hydraulic motor control		Mosfet		Mosfet	
MISC.	8.2	Operating pressure for attachments	psi	1991.2		1991.2	
	8.3	Oil volume for attachments					
	8.4	Sound level, driver's ear according to DIN 12053	dB(A)	72.0		72.0	
	8.5	Towing coupling, class/type DIN					

SE DIMENSIONS





ABOUT CLARK

With over one million CLARK lift trucks sold around the world, each is a testament to the CLARK time-tested process of designing durable trucks with precise features that meet or exceed the material handling needs of our customers. Our full range of highly dependable products – from pallet jacks and electric narrow aisle order pickers to our 18,000lb capacity lift trucks - assure end-users that CLARK has the solutions for their day-to-day demands.

These customer-focused solutions are built from numerous industry innovations – from the nested I-Beam to a self-activating parking brake to new on-board diagnostics – and these all began the same way: with customers' needs foremost in mind. By focusing on how we can improve our customers' material handling processes, and combining that with award-winning dealers and parts support, CLARK ensures our customers a lift truck that is designed to be the right solution for their individual needs.

To Find Your Nearest Authorized CLARK Dealer, Visit Our Website

www.clarkmhc.com

CLARK MATERIAL HANDLING COMPANY
Global Headquarters
101 Lakeside Parkway • Flower Mound, TX 75028
1-859-422-6400 • **www.clarkmhc.com**