SR Silver Series



Moving Mast Reach Truck

3,500 - 4,500lb. Capacities

UNICARRIERS FORKLIFT

NEVER QUIT.

YOUR JOB DOESN'T STOP, AND NEITHER SHOULD YOUR FORKLIFTS. THAT'S WHERE WE COME IN.

Your application isn't just transporting pallets. There's narrow aisles and confined spaces where simplicity, maneuverability and ease of use matter most.

Flexibility is the name of the game. And that's where the SR Silver series delivers.

Power:	24V
Maneuverability:	Responsive controls provide excellent maneuverability
Environment:	Ideal for narrow aisle environments
Travel Distance:	Short to medium distances
Lift:	Up to 374"



Dual Braking Systems

The SR16-SL and SR20-SL utilize both hydraulic and electromagnetic braking technology.
Benefits include:

- Responsive stopping performance
- Short braking distances
- Smooth operation
- Improved control on ramps and level surfaces

Efficient Lifting & Lowering

Performance features include:

- Travel speeds up to 10.5 km/h
- Lift speeds up to 0.50 m/s unloaded
- Reach speeds up to 0.10 m/s
- Gradeability up to 15%

Helping operators move more pallets throughout the workday.

SR Silver Series In Your Application

Performance, reliability, control, safety and comfort – the SR Silver incorporates them all to deliver in a wide-range of fast-paced industrial applications, such as:

• Retail • Warehousing • Distribution • Narrow Aisle Applications

SR Silver:

YOUR APPLICATIONS DESERVES BOTH FLEXIBILITY AND RELIABILITY

The SR16-SL and SR20-SL Moving Mast Reach Trucks deliver dependable performance, intuitive operation, and the versatility required for modern warehouse operations. Designed for high-density storage environments, these trucks combine moving mast reach technology, excellent visibility, advanced safety systems, and operator-focused ergonomics to help maximize productivity while supporting a low total cost of ownership.



Fork Tilt Capability

Integrated fork tilt functionality helps improve:

- load control at height
- placement precision
- stability during put-away and retrieval operations



Intelligent Stability Management

The SR16-SL/ SR20-SL feature multiple safety systems designed to enhance operator confidence while handling loads at elevation.

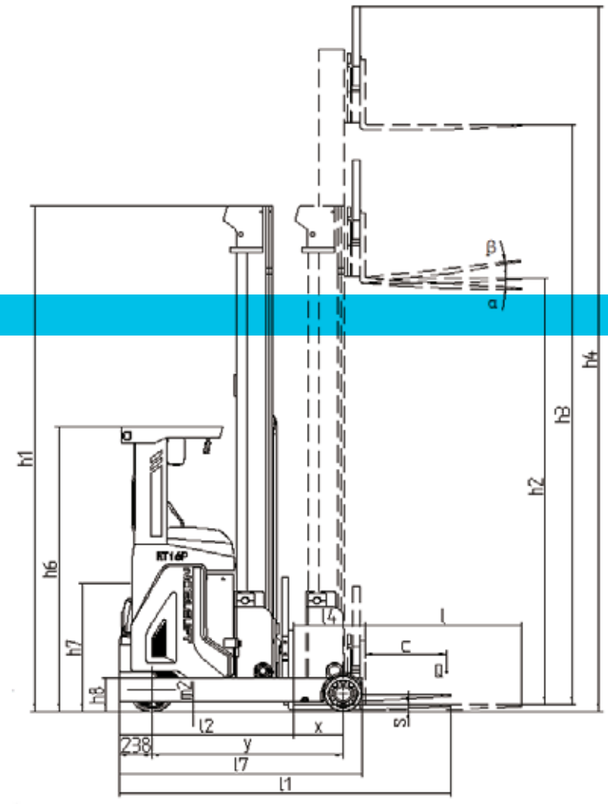
Integrated Safety Functions

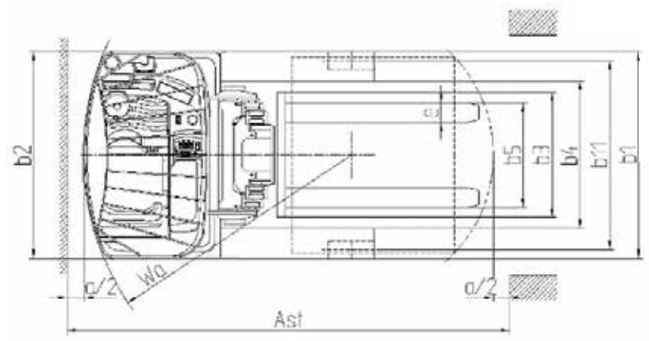
- Automatic travel speed reduction at lift height
- Turning speed reduction control
- Lift height protection system
- Reach-end deceleration control
- Motor temperature protection
- Motor current monitoring and protection

These systems work together to support stable operation during demanding warehouse applications.

Select models are available with long tiller designs, PIN-code access, and operator display features.

Call-out numbers shown in the diagram correspond to the first column of the specifications chart.





Safety Standards

These trucks are CE certified and meet the applicable European safety requirements.

Specifications, equipment, technical data, photos and illustrations based on information at time of printing and subject to change without notice. Some products may be shown with optional equipment.

Specifications

	Characteristics			SR16-SL		SR20-SL	
	Capacity at rated load center	lb	*kg*	3,527	*1,600*	4,409	*2,000*
	Capacity at load center – distance	in	*mm*	23.6	*600*	23.6	*600*
	Power – electric, diesel, gasoline or LP gas			electric		electric	
	Type of operation(hand,pedestrian,standing,seated,order-picker)			seated		seated	
	Load distance, center of drive axle to fork	in	*mm*	14.4/6.9	365/176	15.6 / 7.9	395/200
	Wheelbase			2x/2		2x/2	
	Dimensions			**SR16-SL**		**SR20-SL**	
	Mast/fork carriage tilt forward/backward	deg		*4degrees /-2 degrees*		*4degrees /-2 degrees*	
	lowered mast height	in	*mm*	153.5	*3,900*	153.5	*3,900*
	Free lift	in	*mm*	129.5	*3,290*	129.5	*3,290*
	Lift height	in	*mm*	374.0	*9,500*	374.0	*9,500*
	Extended mast height	in	*mm*	409.8	10,410	409.8	10,410
	Overhead load guardheight	in	*mm*	86.6	*2,200*	86.6	*2,200*
	Seat height/standing height	in	*mm*	37.8	*960*	37.8	*960*
	Height of support legs	in	*mm*	10.6	*270*	10.6	*270*
	Height of lowered forks	in	*mm*	1.6	*40*	1.6	*40*
	Overall length	in	*mm*	95.0	*2,412*	98.0	*2,488*
	Length to face of forks	in	*mm*	50.1	*1,273*	52.7	*1,338*
	Overall width	in	*mm*	50.0	*1,270*	50.0	*1,270*
	Fork dimensions	in	*mm*	1.4x3.9x45.3	*35/100/1,150*	1.6x4.7x45.3	*40/120/1,150*
	Fork carriage ISO 2328, class/type A, B			*2A*		*2A*	
	Width across forks	in	*mm*	7.9-29.1 / 7.9-32.2	*200-740/200-818*	9.4-29.1 / 9.4-32.2	*240-740/240-818*
	Distance between support legs	in	*mm*	35.4	*900*	35.4	*900*
	Reach distance	in	*mm*	20.7	*525*	23.4	*595*
	Ground clearance ,laden,under mast	in	*mm*	3.5	*90*	3.5	*90*
	Ground clearance,centre of wheelbase	in	*mm*	3.0	*75*	3.0	*75*
	Aisle width for pallets I OOOx 1200 crossways	in	*mm*	107.1	*2,720*	111.8	*2,840*
	Aisle width for pallets 800x 1200 lengthways	in	*mm*	109.4	*2,780*	114.2	*2,900*
	Turning radius	in	*mm*	65.0	*1,650*	68.9	*1,750*
	Length across support legs	in	*mm*	70.1	*1,780*	74.8	*1,900*
	Performance			**SR16-SL**		**SR20-SL**	
	Travel speed – loaded / empty	mph	*km/h*	6.5/6.5	*10.5/10.5*	6.5/6.5	*10.5/10.5*
	Lift speed – loaded / empty	fpm	*m/s*	69/98	*0.35/ 0.5*	69/98	*0.35/ 0.5*
	Lowering speed – loaded / empty	fpm	*m/s*	89/89	*0.45/0.45*	89/89	*0.45/0.45*
	Reach speed, with/without load	lb	N	20/20	0.1/0.1	20/20	0.1/0.1
	Gradeability – maximum loaded	%		10/15		10/15.	
	Weight			**SR16-SL**		**SR20-SL**	
	Empty (incl. battery)	lb	*kg*	8,731	*3,960*	9,304	*4,220*
	Axle load, mast retracted without load, drive/support arm wheel	lb	*kg*	5,335/3,395	*2,420/1,540*	5,644/3,659	*2,560 / 1,660*
	Axle load, mast extended with load, drive/support arm wheel	lb	*kg*	1,830/10,494	*830/4,760*	1,645/12,068	*746 / 5,474*
	Axle load, mast retracted with load, drive/support arm wheel	lb	*kg*	4,630/7,628	*2,100/3,460*	5,004/8,708	*2,270 / 3,950*
	Chassis			**SR16-SL**		**SR20-SL**	
	Type:solid rubber,superelastic,pneumatic,polyurethane			pu		pu	
	Tires size, front	in	*mm*	13.5x5.5	0343x 140	13.5x5.5	0343 x 140
	Tires size, rear	in	*mm*	11.2x4.3	0285 x 110	13.0x4.3	0330 x 110
	Wheels,number front/rear(x-driven wheels)			1x/ 2		1x/ 2	
	Track width,rear	in	*mm*	1160		1160	
	Service Brake			Hydraulic/electric		Hydraulic/electric	
	Motors			**SR16-SL**		**SR20-SL**	
	Drive motor rating – S2 60 min	HP	*kW*	8.6/9.4	6.4/7	8.6/9.4	6.4/7
	Lift motor rating at S3 15%	HP	kW	16.8	*12.5*	16.8	*12.5*
	Battery type			lead acid / li-ion		lead acid / li-ion	
	Battery voltage, nominal capacity K_5 - Lead-acid	V / Ah		48V /420, 560 option		48V /420, 560 option	
	Battery weight	lb	*kg*	1,653	750	2,094	950
	Other			**SR16-SL**		**SR20-SL**	
	Drive control	type		AC		AC	
	Noise level – mean value at operator's ear Leq	dB(A)		68		68	

NOTE: These specifications assume the use of drive axles, tires and tilt angles specified. Any modification to specifications, or any other combination of specifications made after the shipment of the truck, requires prior written approval from Mitsubishi Logisnext Americas Inc. (See ANSI/ITSDF B56.1.) Also be advised that overall operating visibility may be affected by the mast configuration and mast options of your truck. Therefore, you may need to add ancillary [auxiliary] devices or modify your operating practices. Consult your dealer for further information.

Excellent Control

The SR16-SL and SR20-SL are engineered to perform in narrow aisle warehouses requiring high storage density and rapid product movement. Electronic Power Steering

- Effortless steering input
- Automatic steering centering
- Selectable 180° and 360° steering modes
- Improved maneuverability in confined spaces

When aisle space is limited, the SR16-SL and SR20-SL help maintain productivity and operator control.

Enhanced Load Handling

- Electronic Power Steering (EPS)
- Selectable 180° and 360° steering modes
- Color LCD display with diagnostic capability
- CANBus communications architecture
- Regenerative braking system
- Optional side shift and height preselect system
- Optional HD camera package

CANBus Electronic Architecture

The SR16-SL and SR20-SL utilize CAN-Bus communication technology to improve reliability while simplifying maintenance and troubleshooting procedures.

Benefits include:
- Simplified diagnostics
- Faster troubleshooting
- Reduced wiring complexity
- Enhanced system reliability

Helping maximize uptime and reduce service disruptions.

Advanced Operator Features

- 3,500 lb (SR16-SL) and 4,400 lb (SR20-SL) capacities
- Lift heights up to 374” (9.5m)
- Moving mast reach design for stable load handling
- Integrated fork tilt functionality
- Reach distances up to 23.4”
- AC drive, lift, and steering motors
- Electro-hydraulic proportional controls

Flexible Configuration Options

Available options include:
- Integrated side shift
- Electronic height preselect system
- HD video camera system
- Side battery extraction

Allowing the truck to be configured for demanding warehouse applications.

Productive Performance

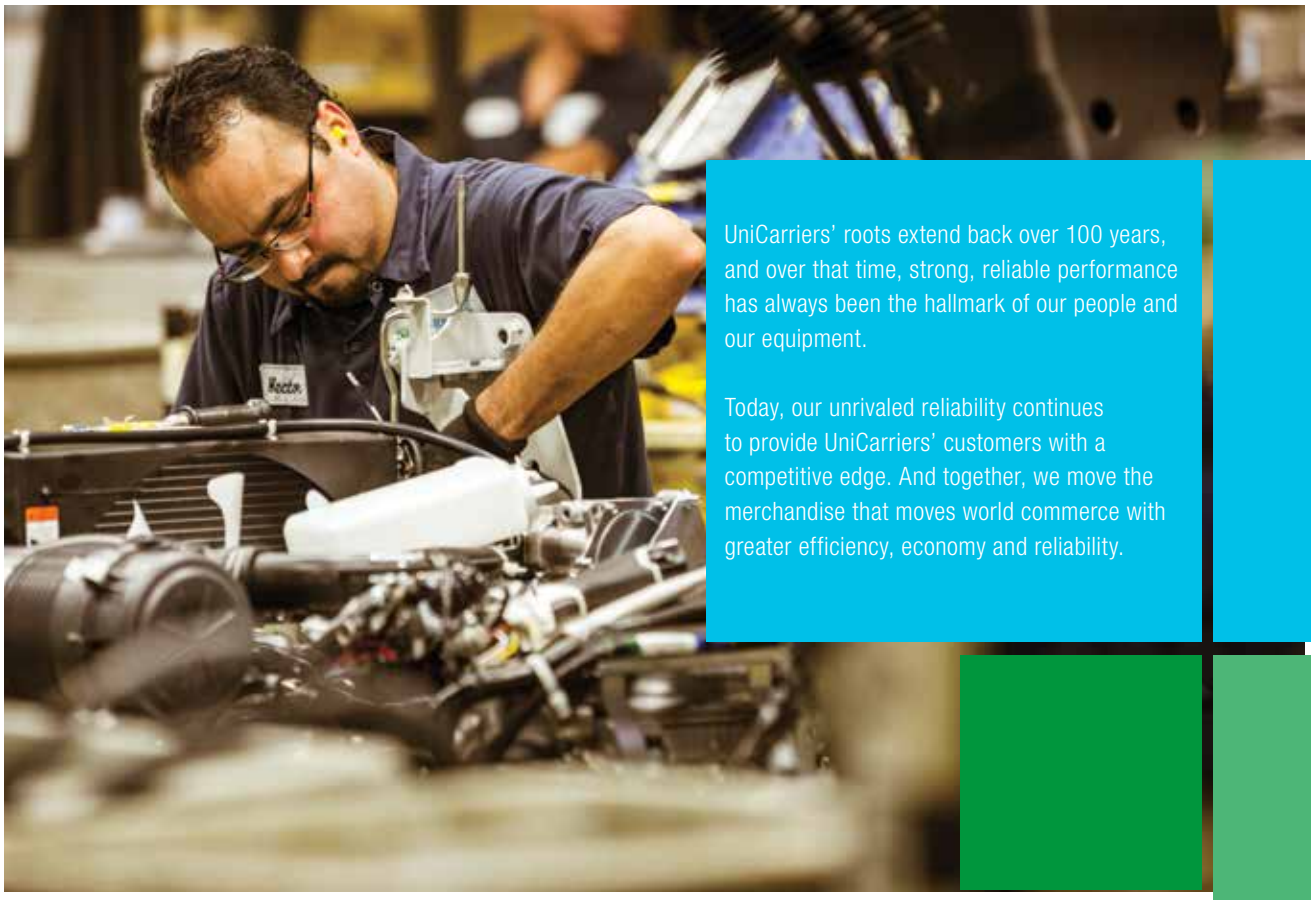
The trucks utilize maintenance-free AC technology throughout the drive, lift, and steering systems.
Benefits include:
- Reduced maintenance requirements
- Responsive truck performance
- Long component life
- Efficient energy utilization

Color LCD Operator Display

The integrated display provides real-time visibility to critical truck functions including:
- Battery status
- Travel speed
- Operating hours
- Steering position
- Diagnostic fault codes
- Service notifications

Providing operators with actionable information throughout the shift.

Reliability.
It's the defining trait of our brand and our forklifts.



UniCarriers' roots extend back over 100 years, and over that time, strong, reliable performance has always been the hallmark of our people and our equipment.

Today, our unrivaled reliability continues to provide UniCarriers' customers with a competitive edge. And together, we move the merchandise that moves world commerce with greater efficiency, economy and reliability.

Which brand do you trust?
The one you never have to think about.

We Never Quit.

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UNICARRIERS® FORKLIFT

UECN00405S 11/2026

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