TELESCOPIC HANDLERS GEHL.



RS SERIES GEN:3



A LEGACY OF INNOVATION









IN 1859, AN AGRICULTURAL IMPLEMENT COMPANY, HOUSED IN A BLACKSMITH SHOP, WAS STARTED IN WEST BEND, WISCONSIN. FROM THESE HUMBLE BEGINNINGS, THE GEHL BRAND HAS BECOME A MAJOR FORCE IN THE COMPACT EQUIPMENT INDUSTRY WORLDWIDE.

Since the beginning, Gehl has focused on providing solutions to our customer's needs by building quality, reliable products. With a long history of reliability and innovation, Gehl is responsive to the equipment and service needs of our customers.

With modern compact equipment manufacturing facilities in

Yankton and Madison, South Dakota, and a state-of-the-art research and design facility in West Bend, Wisconsin, Gehl ensures that they are equipped with the finest in technology, tools and materials. And our top corps of engineers are skilled in designing and enhancing high-quality machines to fit the specific needs of our customers. Our equipment is modern in design and performance, but not too complicated to operate or service.

And when you purchase a piece of Gehl equipment, you have an

entire organization behind you and your business. When you need support, whether it be financing, parts or service, know that Gehl will be there to provide an exceptional experience. We continually strive to preserve the level of personalized attention that Gehl began with in 1859.

GEHL

A SERVICE

REACHING NEW HEIGHTS

JOBSITES DEMAND SUPERIOR PERFORMANCE – AND THAT'S WHAT THE RS SERIES TELESCOPIC HANDLERS PROVIDE.

Lifting up to 12,000 lbs. (5444 kg) (RS12-42 GEN:3) with lift heights up to 55'1" (16.8 m) (RS10-55 GEN:3), these machines provide the extra working capacity without sacrificing the comfort and durability expected in the RS Series telescopic handlers.



RS5-19 GEN:3



RS6-34 GEN:3



RS6-42 GEN:3



RS8-42 GEN:3









RS8-44 GEN:3

RS9-50 GEN:3

RS10-44 GEN:3 RS10-55 GEN:3

RS12-42 GEN:3

PERFORMANCE

POWER and PERFORMANCE

THE SUPERIOR STRENGTH OF GEHL

PROVEN RELIABILITY = PROFITABILITY

Gehl RS Series Telescopic Handlers are designed to meet the growing needs of contractors, builders and rental houses. These machines are continuously sought after for their unmatched performance, reliability, ease of operation, and comfort. High quality components are at the core of the RS Series – reducing downtime and increasing your bottom line.

SELF LEVELING FORKS

This standard feature automatically levels the forks or attachment as the boom is raised, eliminating the need for manual adjustments.

TIER IV-CERTIFIED ENGINES

RS5-19 GEN:3	68 hp (50.7 kW)
RS6-34 GEN:3	74 hp (55 kW)
RS6-42 GEN:3 -	120 hp (89 kW)
RS12-42 GEN:3	

FOUR-PLATE BOX SECTION BOOMS

Durable design can easily handle the 5,500 to 12,000 lbs. (2495 to 5444 kg) rated loads of the RS Series.

EXCEPTIONAL VISIBILITY

Large, open concept frame design with highmounted boom allows the operator to have views from all sides of the operator station.

SB- D

MAXIMUM LIFT HEIGHTS

19'1" (5.8 m)
34'3" (10.4 m)
42'0" (12.8 m)
42'0" (12.8 m)
44'0" (13.4 m)
50'0" (15.2 m)
44'0" (13.4 m)
55'1" (16.8 m)
42'4" (12.9 m)

I.S.

RATED OPERATING CAPACITIES

5,500 lbs. (2495 kg)
6,000 lbs. (2722 kg)
6,600 lbs. (2994 kg)
8,000 lbs. (3629 kg)
8,000 lbs. (3629 kg)
9,000 lbs. (4082 kg)
10,000 lbs. (4536 kg)
10,000 lbs. (4536 kg)
12,000 lbs. (5444 kg)



RS5-19 GEN:3 RS6-34 GEN:3

RS6-42 GEN:3

RS8-42 GEN:3

RS8-44 GEN:3

RS9-50 GEN:3

RS10-44 GEN:3

RS10-55 GEN:3

RS12-42 GEN:3

OUTRIGGERS Increase stability and lift capacity on

demand when lifting to full height.

Optional on RS6-42 GEN:2, RS8-42 GEN:2, RS8-44 GEN:2, RS10-44 GEN:2, and RS12-42 GEN:2; standard on the RS10-55 GEN:2.

MULTIPLE TIRE OPTIONS

- Air-filled
- Foam-filled
- Solid Rubber
- Turf
- Rock Tread Air / Foam

Turf tires available only on RS5-19 GEN:3 Rock tread tires not available for RS5-19 GEN:3 & RS6-34 GEN:3 Air tires not available on RS9-50 GEN:3

REAR AXLE STABILIZATION

Stabilizer cylinder locks the rear axle to improve stability whenever the boom is raised 60 degrees or more, or the parking brake is applied.

Standard on RS6-42 GEN:3, RS8-42 GEN:3, RS8-44 GEN:3, RS9-50 GEN:3 RS10-44 GEN:3, RS10-55 GEN:3 and RS12-42 GEN:3. "We don't even blink an eye at loading a semi and hauling our Gehl equipment out of state.

It's one of the reasons why it is so easy to own Gehl equipment – **dependability**."

Steve Schmitz C.D. Smith V.P. Field Operations

OPERATOR STATION

COMFORT and SAFETY

ADJUSTABLE ARMREST

SPACIOUS CAB

With ergonomics in mind, the large operator station brings ample elbow room for boom control accuracy and ease of operations.

WARNING

PREMIUM SEAT

Standard deluxe, high-back mechanical suspension seat or an optional adjustable suspension seat for increased operator comfort. Retractable seatbelt included.

Low-profile boom and openconcept frame design provide a 360 degree field-of-view to all work areas for increased precision and safety.

ALL-NEW SINGLE JOYSTICK OPTION WITH TRAVEL DIRECTION

Places boom extension and retraction, attachment tilt, auxiliary hydraulics AND travel direction all on the same joystick.

ALL-WEATHER CAB

Optional, sealed cab enclosure with heat allows you to work in constant comfort. Add airconditioning for an upgraded operating climate.

OPERATOR STATION COMFORT FEATURES



WITHIN REACH Lights, parking brake, and all other controls conveniently near the adjustable armrest.



POWER PORT Standard 12-volt accessory plug charges electronics while you work.



GLASS WINDOWS Rear and right-hand side glass are standard equipment to reduce engine noise to the cab.



DIGITAL DISPLAY This information center shows real time fluid levels, engine RPM, machine hours, engine diagnostic codes, warning indicators and much more.



LOCKABLE STORAGE Located under the seat, this spacious, lockable storage area holds items you need throughout the day.



HEAT & AIR CONDITIONING Heat is standard on all cab models. Upgrade to air conditioning for additional comfort.

THREE STEERING MODES





EXPANSIVE VIEWS FROM ALL SIDES FOR SAFE AND PRECISE OPERATION.

REAR

RIGHT SIDE

FRONT

Excellent visibility to the front, sides and rear of the machine allow for precise placement of loads and reduced jobsite incidents. A high-mounted boom maintains an excellent vantage point to the job at hand.

LEFT SIDE

INCREASED PRODUCTIVITY ON THE JOBSITE



BOOM TIP LIFT HOOK

This option provides a secure lifting point for transporting suspended loads without the use of an additional attachment. *Not available on RS5-19 GEN:3* or RS6-34 GEN:3



SERVICE MADE EASY

Accessible, tool-free panels allow for quick and easy maintenance, drastically reducing downtime on the job.

PERSONNEL WORK PLATFORM (PWP) SYSTEM

The optional Gehl PWP System allows the safe and efficient use of an ANSI/ITSDF B56.6 compliant work platform.

The PWP System makes every job almost as easy as working at ground level. When the system is engaged the transmission is temporarily disconnected, the rear axle stabilizer is engaged, the frame leveling speed is reduced, and the parking brake is applied. A remote shut-off is located on the platform. This increases safety and allows for precise positioning.

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GEHL

Not available on RS5-19 GEN:3 or RS6-34 GEN:3



CLEAR SIGHT LINES

Gehl is sure to raise the visibility of your operation with clear sight lines to all sides of the machine. This allows the operator to avoid jobsite obstacles, provides better visibility to workers outside the cab, and aids in precise placement of materials.

> Where other machines struggle, the Gehl RS Series are real serious when it comes to 360 degree visibility, even to the rear of the machine.



ATTACHMENTS

10

CRAVE VERSATILITY? GEHL RS SERIES TELESCOPIC HANDLERS ARE THE PERFECT SOLUTION.

Get the versatility you need to complete the job with a wide variety of attachments. With the RS Series Telescopic Handlers, your operation can do anything from material handling to lifting workers.





DYNATTACH®

The Dynattach® Quick-Attach system allows quick attachment changes with unsurpassed ease. The operator leaves the seat only to disengage the attachment.

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		RS5-19 GEN:3	RS6-34 GEN:3	RS6-42 GEN:3	RS8-42 GEN:3	RS8-44 GEN:3	RS9-50 GEN:3	RS10-44 GEN:3	RS10-55 GEN:3	RS12-42 GEN:3
	BUCKETS									
	Light Material Bucket - 96 in. (2438 mm) Wide, 1.3 cu. yd. (.99 cu. m.)		•	٠	٠	•		٠	٠	٠
	Light Material Bucket - 71 in. (1803 mm) Wide, 1.0 cu. yd. (.76 cu. m.)	•								
	CARRIAGES									
	Carriage, Masonry - 48 in. (1219 mm) Wide w/ 2 in. (50 mm) Pin / Rated 6,000 lbs. (2,721 kg)	•	٠							
	Carriage, Masonry - 48 in. (1219 mm) Wide w/ 2 in. (50 mm) Pin / Rated 10,000 lbs. (4,535 kg)			٠	•	•	•	•	•	
	Carriage, Masonry - 48 in. (1219 mm) Wide w/ 2.5 in. (63 mm) Pin / Rated 12,000 lbs. (5,443 kg)									•
	Carriage, Rotating * - 48 in. (1219 mm) Wide w/ 2 in. (50 mm) Pin /	•	•							
	Rated 6,000 lbs. (2,721 kg) Carriage, Rotating * - 48 in. (1219 mm) Wide w/ 2 in. (50 mm) Pin /			•	•	•	•	•	•	
	Rated 10,000 lbs. (4,535 kg) Carriage, Rotating * - 48 in. (1219 mm) Wide w/ 2.5 in. (63 mm) Pin /									
	Rated 12,000 lbs. (5,443 kg) Carriage, Framers - 66 in. (1676 mm) Wide w/ 2 in. (50 mm) Pin /									•
	Rated 6,000 lbs. (2,721 kg)	•	•							
	Carriage, Framers - 66 in. (1676 mm) Wide w/ 2 in. (50 mm) Pin / Rated 10,000 lbs. (4,535 kg)			٠	•	•		٠	•	
	Carriage, Framers - 66 in. (1676 mm) Wide w/ 2.5 in. (63 mm) Pin / Rated 12,000 lbs. (5,443 kg)									•
	Carriage, Framers - 72 in. (1828 mm) Wide w/ 2 in. (50 mm) Pin / Rated 10,000 lbs. (4,535 kg)			•	•	•		•	•	
	FORKS									
	Pallet Forks ** - 2 in. x 5 in. x 48 in. (50 mm x 127 mm x 1219 mm) for 2 in. (50 mm) Pin / Rated 10,500 lbs. (4,762 kg)		•	•	•	•		•	•	٠
	Pallet Forks - 2 in. x 4 in. x 48 in. (50 mm x 101 mm x 1219 mm)									
	for 2 in. (50 mm) Pin / Rated 8,400 lbs. (3,810 kg) TRUSS BOOMS	•	•	•	•	•				
	Truss Boom / 12 ft. (3.6 m) / Rated 2,000 lbs. (907 kg)			•						
	Truss Boom / 15 ft. (4.5 m) / Rated 2,000 lbs. (907 kg)				•	•		•	•	٠
	PLATFORMS									
2	Swing Platform - Requires PWP or Remote Boom Control System Dimensions - 4.0 ft. (1.2 m) Wide x 8.0 ft. (2.4 m) Long w/ 42 in. (1066 mm) High Guard Rail & Midrail (Complies with OSHA Regulations 1910.67(c)(2)(v) and 1926.453(b)(2)(v) and ANSI B56.6)			•	•	•		•	•	•
	Personnel Work Platform - Requires PWP or Remote Boom Control System Dimensions - 4.0 ft. (1.2 m) Wide x 9.5 ft. (2.8 m) Long w/ 44 in. (1117 mm) High Guard Rail & Midrail		•	•	٠	٠		٠	٠	•

* Auxiliary hydraulics required ** On the RS12-42 GEN:3, forks need to be used in conjunction with the 90° swing carriage.



outriggers up / optional outriggers down

н 1,000 lbs. (454 kg) 500 lbs. (227 kg) н

250 lbs. (113 kg) J.

outriggers up / optional outriggers down

CIFICATI Ν S RS SERIES telescopic handlers P E

		RS5-19 GEN:3	RS6-34 GEN:3	RS6-42 GEN:3	RS8-42 GEN:3	RS8-44 GEN:3	RS9-50 GEN:3	RS10-44 GEN:3	RS10-55 GEN:3	RS12-42 GEN:3	
ES	Lift Capacity (kg)	5,500 lbs. (2495)	6,000 lbs. (2722)	6,600 lbs. (2994)	8,000 lbs. (3629)	8,000 lbs. (3629)	9,000 lbs. (4082)	10,000 lbs. (4536)	10,000 lbs. (4536)	12,000 lbs. (5444)	
	Maximum Lift Height (m)	19'1" (5.8)	34'3" (10.4)	42'0" (12.8)	42'0" (12.8)	44'0" (13.4)	50'1" (15.3)	44'0" (13.4)	55'1" (16.8)	42'4" (12.9)	
CAPACITIES	Capacity at Maximum Lift Height (kg)	3,000 lbs. (1361)	4,000 lbs. (1815)	6,600 lbs. (2994)	7,000 lbs. (3176)	7,000 lbs. (3176)	5,000 lbs. (2268)	8,000 lbs. (3629)	5,000* lbs. (2268)	10,000 lbs. (4536)	
APA	Maximum Forward Reach (m)	11'0" (3.4)	23'3" (7.0)	28'3" (8.6)	28'3" (8.6)	30'5" (9.3)	36'7" (11.1)	30'5" (9.3)	41'2" (12.6)	27'11" (8.5)	
Ú	Capacity at Max. Forward Reach (kg)	1,850 lbs. (840)	900 lbs. (409)	1,000 lbs. (454)	1,000 lbs. (454)	1,000 lbs. (454)	500 lbs. (227)	1,500 lbs. (687)	2,000 lbs. (908)	2,000 lbs. (908)	
	Max. Reach Below Grade (mm)	0" (0)	24" (610)	14" (356)	14" (356)	16" (406)	16" (406)	16" (406)	29" (737)	14" (356)	
	Manufacturer	Yanmar	Deutz	Cummins	Cummins	Cummins	Cummins	Cummins	Cummins	Cummins	
	Power (kW)	69 hp (50.1)	74 hp (55)	120 hp (89)	120 hp (89)	120 hp (89)					
ENGINE	Torque (Nm)	173 ftIbs. (235)	244 ftIbs. (330)	360 ftlbs. (488)	(488) 360 ftlbs. (488) 360 ft						
U Z	Aspiration	Natural	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged	
ш	Model	4TNV98C Tier IV	TD 3.6 Tier IV	QSF 3.8 Tier IV	QSF 3.8 Tier IV	QSF 3.8 Tier IV	QSF 3.8 Tier IV	QSF 3.8 Tier IV	QSF 3.8 QSF 3.8 Tier IV Tier IV		
	Rated Speed	2500 rpm	2300 rpm	2500 rpm	2500 rpm	2500 rpm					
	Transmission	Rexroth 2-speed	Dana 3-speed Powershift	Dana 3-speed Powershift	Dana 3-speed Powershift	Dana 3-speed Powershift	Dana 4-speed Powershift	Dana 4-speed Powershift	Dana 4-speed Powershift	Dana 4-speed Powershift	
VTS	Maximum Travel Speed (km/hr)	15 mph (24)	20.2 mph (32.5)	19.6 mph (31.5)	19.6 mph (31.5)	19.6 mph (31.5)	15.3 mph (24.6)	20.1 mph (32.3)	20.1 mph (32.3)	20.1 mph (32.3)	
COMPONENTS	Selective Steering	4-wheel 2-wheel Crab	4-wheel 2-wheel Crab	4-wheel 2-wheel Crab	4-wheel 2-wheel Crab	4-wheel 2-wheel Crab	4-wheel 2-wheel Crab	4-wheel 2-wheel Crab	4-wheel 2-wheel Crab	4-wheel 2-wheel Crab	
MO	Hydraulically Actuated Internal Wet-Disc Brakes	2-Wheel 4-Wheel									
Ŭ	Parking Brake	Spring-Applied, Hydraulic Release (SAHR) on Front Axle									
	Axle Manufacturer	Dana									
<u>U</u>	Pump Type	Gear									
HYDRAULIC SYSTEM	Pump Flow (L/min)	20 gpm (76)	29 gpm (110)	41.5 gpm (157)	41.5 gpm (157)	41.5 gpm (157)					
'DRAUL SYSTEM	System Pressure (bar)	3,350 psi (231)	3,000 psi (207)	3,000 psi (207)	3,000 psi (207)						
Ŧ	Hydraulic Tank Capacity (L)	18 gal. (68)	29 gal. (110)	31 gal. (117)	31 gal. (117)	31 gal. (117)					
۲S	Approximate Weight (kg)	10,000 lbs. (4536)	15,100 lbs. (6850)	22,000 lbs. (9979)	23,350 lbs. (10591)	23,500 lbs. (10659)	29,900 lbs. (13562)	25,300 lbs. (11476)	27,800 lbs. (12610)	25,200 lbs. (11431)	
0	Length – Less Forks (m)	12'4" (3.8)	16'0" (4.9)	19'1" (5.8)	19'1" (5.8)	19'10" (6.1)	21'0" (6.4)	20'0" (6.1)	21'0" (6.4)	19'3" (5.9)	
GENERAL SPECIFICATIONS	Width (m)	5'11" (1.80)	7'10" (2.4)	8'0" (2.4)	8'0" (2.4)	8'0" (2.4)	8'3" (2.5)	8'3" (2.5)	8'3" (2.5)	8'3" (2.5)	
	Ground Clearance (mm)	14" (350)	14" (350)	16" (400)	16" (400)	16" (400)	18" (457)	18" (457)	18" (457)	18" (457)	
	Wheelbase (m)	7'6" (2.29)	9'2" (2.8)	10'0" (3.0)	10'0" (3.0)	10'0" (3.0)	10'4" (3.1)	10'4" (3.1)	10'4" (3.1)	10'4" (3.1)	
	Turning Radius (m)	11'0" (3.35)	12'6" (3.8)	13'8" (4.2)	13'8" (4.2)	13'8" (4.2)	13'11" (4.24)	13'11" (4.24)	13'11" (4.24)	13'11" (4.24)	
	Overall Height (m)	6'4" (1.93)	7'10" (2.4)	7'10" (2.4)	7'10" (2.4)	7'10" (2.4)	8'6" (2.6)	2.6) 7'11" (2.41) 8'6" (2.6)		7'11" (2.41)	
	Frame Leveling	N/A	±10°	±10°	±10°	±10°	±10°	±10°	±10°	±10°	
	Fuel Capacity (L)	17 gal. (64)	29 gal. (110)	47 gal. (178)	47 gal. (178)	47 gal. (178)					

						* with outriggers do		
LS	RS5-19 GEN:3	RS6-34 GEN:3	RS6-42 GEN:3 / RS8-42 GEN:3 / RS8-44 GEN:3	RS9-50 GEN:3	RS10-44 GEN:3 / RS10-55 GEN:3 / RS12-42 GEN:3	with outriggers of		
10	12.00 x 16.5 Bias/10 PR	15.00 x 19.5/12 PR	13.00 x 24/12 PR		14.00 x 12 PR	Find us on		
OPI	12.00 x 16.5 Bias/10 PR Foam-Filled	15.00 x 19.5/12 PR Foam-Filled	13.00 x 24/12 PR Foam Filled	14.00 x 24/12 PR Foam-Filled	14.00 x 24/12 PR Foam-Filled	Facebook		
TIRE	12.00 x 16.5 Solid Rubber	15.00 x 19.5 Solid Rubber	13.00 x 24/12 PR Rock	14.00 x 24 Solid Rubber	14.00 x 24 Solid Rubber	GEHL COMPACT EQUIPMENT		
	12.00 x 16.5/10 PR Turf		13.00 x 24 Solid Rubber		14.00 x 24 Rock			

For more information on Gehl equipment, visit

manual before operating any equipment. Also, make sure all safety devices and shields are in place and functioning properly. gehl.com

Gehl reserves the right to add improvements or make changes in features and specifications at any time without notice or obligation.

Gehl reminds users to read and understand the operator's

th outriggers down

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Gehl RS Series Telescopic Handler_(10-2017)_10M