# TELESCOPIC HANDLERS GEHL.













# 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.

### REACHING





RS6-42 GEN:2 RS8-42 GEN:2



RS8-44 GEN:2 RS10-44 GEN:2



RS10-55 GEN:2

RS12-42 GEN:2

### 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:2) with lift heights up to 55'1" (16.8 m) (RS10-55 GEN:2), these machines provide the extra working capacity without sacrificing the comfort and durability expected in the RS Series telescopic handlers.



### ■ 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.

This standard feature automatically levels the forks or

attachment as the boom is raised, eliminating the need

**SELF LEVELING FORKS** 

for manual adjustments.

#### TIER IV-CERTIFIED ENGINES

RS5-19 68 hp (50.7 kW)

RS6-34 74 hp (55 kW)

RS6-42 GEN:2 - 120 hp (89 kW)

RS12-42 GEN:2

## 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.

#### MAXIMUM LIFT HEIGHTS

RS5-19	19'1" (5.8 m)
RS6-34	34'3" (10.4 m)
RS6-42 GEN:2	42'0" (12.8 m)
RS8-42 GEN:2	42'0" (12.8 m)
RS8-44 GEN:2	44'0" (13.4 m)
R\$10-44 GEN:2	44'0" (13.4 m)
R\$10-55 GEN:2	55'1" (16.8 m)
RS12-42 GEN:2	42'4" (12.9 m)

#### RATED OPERATING CAPACITIES

RS5-19	5,500 lbs. (2495 kg)
RS6-34	6,000 lbs. (2722 kg)
RS6-42 GEN:2	6,600 lbs. (2994 kg)
RS8-42 GEN:2	8,000 lbs. (3629 kg)
RS8-44 GEN:2	8,000 lbs. (3629 kg)
RS10-44 GEN:2	10,000 lbs. (4536 kg)
RS10-55 GEN:2	10,000 lbs. (4536 kg)
RS12-42 GEN:2	12,000 lbs. (5444 kg)



#### • 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 Rock tread tires not available for RS5-19 & RS6-34

#### **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:2, RS8-42 GEN:2, RS8-44 GEN:2, RS10-44 GEN:2, RS10-55 GEN:2 and RS12-42 GEN:2.



"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 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.



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



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



CONDITIONING

Heat is standard on all cab models.

Upgrade to air conditioning for additional comfort.

**HEAT & AIR** 

#### THREE STEERING MODES

#### VISIBILITY

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

## TRI-FUNCTION JOYSTICK OPTION

Controls attachment tilt, auxiliary hydraulics and boom functions with an optional single joystick and speed control knobs.

Not available on RS5-19

#### ALL-WEATHER CAB

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









#### EXPANSIVE VIEWS FROM ALL SIDES FOR SAFE AND PRECISE OPERATION.

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.

### INCREASED PRODUCTIVITY ON THE JOBSITE



## BOOM TIP

This option provides a secure lifting point for transporting suspended loads without the use of an additional attachment.

Not available on RS5-19 or RS6-34



#### 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

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.

Not available on RS5-19 or RS6-34



### REMOTE BOOM CONTROL (RBC) SYSTEM

With the RBC System option, a single operator can control boom and engine functions from outside the cab. When placing loads, an operator can leave the cab to control boom functions from a location that has better visibility – even from within a building.

The RBC System is compatible with any ANSI/ITSDF B56.6 compliant work platform and includes all the safety features of the PWP System.

Not available on RS5-19



### LOAD CHARTS

#### ATTACHMENTS

#### **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.



Light Material Bucket - 96 in. (2438 mm) Wide, 1.3 cu. yd. (.99 cu. m.)

Light Material Bucket - 71 in. (1803 mm) Wide, 1.0 cu. yd. (.76 cu. m.)

Carriage, Masonry - 48 in. (1219 mm) Wide w/ 2 in. (50 mm) Pin / Rated 6,000 lbs. (2,721 kg)

Carriage, Masonry - 48 in. (1219 mm) Wide w/ 2 in. (50 mm) Pin / Rated 10,000 lbs. (4,535 kg)

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)

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)

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)

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)

#### **PLATFORMS**

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

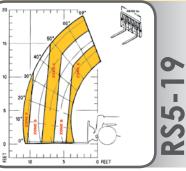
(Complies with OSHA Regulations 1910.67(c)(2)(v) and 1926.453(b)(2)(v) and ANSI B56.6)



#### **DYNATTACH®**

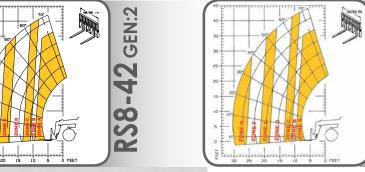
The Dynattach® Quick-Attach system allows quick attachment changes with unsurpassed ease. The operator leaves the seat only to disengage the attachment.

RS5-19	RS6-34	RS6-42 GEN:2	RS8-42 GEN:2	RS8-44 GEN:2	RS10-44 GEN:2	RS10-55 GEN:2	RS12-42 GEN:2
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**A** 5,500 lbs. (2495 kg) **B** 4,000 lbs. (1815 kg) C 3,000 lbs. (1361 kg) D 2,000 lbs. (908 kg)

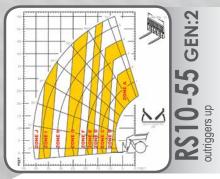




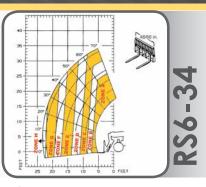
**A** 8,000/8,000 lbs. (3629/3629 kg) **B** 7,000/8,000 lbs. (3175/3629 kg) C 6,000/8,000 lbs. (2722/3629 kg) D 4,000/6,000 lbs. (1814/2722 kg) E 3,000/4,000 lbs. (1361/1814 kg)

F 2,000/4,000 lbs. (907/1814 kg) G 1,000/3,000 lbs. (454/1361 kg)

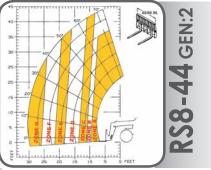
outriggers up / optional outriggers down



A 10,000 lbs. (4536 kg) **B** 8,000 lbs. (3629 kg) **C** 6,000 lbs. (2722 kg) **D** 5,000 lbs. (2268 kg) **E** 4,000 lbs. (1814 kg) **F** 3,000 lbs. (1361 kg) **G** 2,000 lbs. (907 kg) **H** 1,000 lbs. (454 kg) 500 lbs. (227 kg) J 250 lbs. (113 kg)



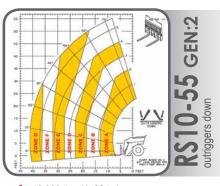
A 6,000 lbs. (2722 kg) **B** 5,000 lbs. (2268 kg) C 4,000 lbs. (1814 kg) D 3,000 lbs. (1361 kg) **E** 2,000 lbs. (907 kg) F 1,500 lbs. (680 kg) G 1,000 lbs. (454 kg) H 900 lbs. (408 kg)



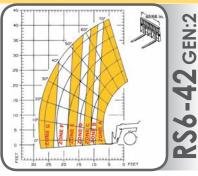
**A** 8,000/8,000 lbs. (3629/3629 kg) **B** 7,000/8,000 lbs. (3175/3629 kg) C 6,000/8,000 lbs. (2722/3629 kg) D 4,000/6,000 lbs. (1814/2722 kg)

**E** 3,000/4,000 lbs. (1361/1814 kg) F 2,000/4,000 lbs. (907/1814 kg) G 1,000/3,000 lbs. (454/1361 kg)

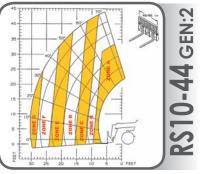
outriggers up / optional outriggers down



A 10,000 lbs. (4536 kg) **B** 8,000 lbs. (3629 kg) **C** 6,000 lbs. (2722 kg) **D** 5,000 lbs. (2268 kg) **E** 4,000 lbs. (1814 kg) **F** 3,000 lbs. (1361 kg) **G** 2,000 lbs. (907 kg)



A 6,600/6,600 lbs. (2994/2994 kg) **B** 6,000/6,600 lbs. (2722/2994 kg) C 5,000/6,000 lbs. (2268/2722 kg) **D** 4,000/4,000 lbs. (1814/1814 kg) **E** 3,000/4,000 lbs. (1361/1814 kg) **F** 2,000/4,000 lbs. (907/1814 kg) **G** 1,000/3,000 lbs. (454/1361 kg) outriggers up / optional outriggers down

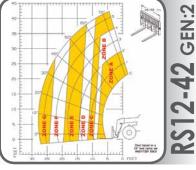


A 10,000/10,000 lbs. (4536/4536 kg) **B** 8,000/8,000 lbs. (3629/3629 kg)

C 6,000/8,000 lbs. (2722/3629 kg) **D** 4,000/6,000 lbs. (1814/2722 kg)

**E** 3,000/6,000 lbs. (1361/2722 kg) **F** 2,000/4,000 lbs. (907/1814 kg) **G** 1,500/3,000 lbs. (680/1361 kg)

outriggers up / optional outriggers down



**A** 12,000/12,000 lbs. (5444/5444 kg) **B** 10,000/10,000 lbs. (4536/4536 kg) C 8,000/8,000 lbs. (3629/3629 kg) D 6,000/8,000 lbs. (2722/3629 kg) E 4,000/6,000 lbs. (1814/2722 kg) F 3,000/5,000 lbs. (1361/2268 kg) **G** 2,000/4,000 lbs. (907/1814 kg)

outriggers up / optional outriggers down



<sup>\*</sup> Auxiliary hydraulics required

<sup>\*\*</sup> On the RS12-42 GEN:2, forks need to be used in conjunction with the 90° swing carriage

### SPECIFICATIONS RS SERIES telescopic handlers

		RS5-19	RS6-34	RS6-42 GEN:2	RS8-42 GEN:2	RS8-44 GEN:2	RS10-44 GEN:2	RS10-55 GEN:2	RS12-42 GEN:2
	Lift Capacity (kg)	5,500 lbs. (2495)	6,000 lbs. (2722)	6,600 lbs. (2994)	8,000 lbs. (3629)	8,000 lbs. (3629)	10,000 lbs. (4536)	10,000 lbs. (4536)	12,000 lbs. (5444)
ES	Maximum Lift Height (m)	19'1" (5.8)	34'3" (10.4)	42'0" (12.8)	42'0" (12.8)	44'0" (13.4)	44'0" (13.4)	55'1" (16.8)	42'4" (12.9)
	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)	8,000 lbs. (3629)	5,000* lbs. (2268)	10,000 lbs. (4536)
CAPACITIES	Maximum Forward Reach (m)	11'0" (3.4)	23'3" (7.0)	28'3" (8.6)	28'3" (8.6)	30'5" (9.3)	30'5" (9.3)	41'2" (12.6)	27'11" (8.5)
Ö	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)	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)	29" (737)	14" (356)
	Manufacturer	Yanmar	Deutz	Cummins	Cummins	Cummins	Cummins	Cummins	Cummins
	Power (kW)	69 hp (50.1)	74 hp (55)	120 hp (89)					
쀨	Torque (Nm)	173 ftlbs. (235)	244 ftlbs. (330)	360 ftlbs. (488)					
ENGINE	Aspiration	Natural	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 Tier IV
	Rated Speed	2500 rpm	2300 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
ZTS	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)	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
O O	Hydraulically Actuated Internal Wet-Disc Brakes	2-Wheel 4-Wheel							
0	Parking Brake	Spring-Applied, Hydraulic Release (SAHR) on Front Axle							
	Axle Manufacturer	Dana							
<u>U</u>	Pump Type				C	Gear			
HYDRAULIC SYSTEM	Pump Flow (L/min)	20 gpm (76)	29 gpm (110)	41.5 gpm (157)					
'DR.	System Pressure (bar)	3,350 psi (231)	3,000 psi (207)						
E	Hydraulic Tank Capacity (L)	18 gal. (68)	29 gal. (110)	31 gal. (117)					
S	Approximate Weight (kg)	10,000 lbs. (4536)	15,100 lbs. (6850)	22,000 lbs. (9979)	23,350 lbs. (10591)	23,500 lbs. (10659)	25,300 lbs. (11476)	27,800 lbs. (12610)	25,200 lbs. (11431)
$\frac{Z}{Q}$	Length – Less Forks (m)	12'4" (3.8)	16'0" (4.9)	19'1" (5.8)	19'1" (5.8)	19'10" (6.1)	20'0" (6.1)	21'0" (6.4)	19'3" (5.9)
K	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)
	Ground Clearance (mm)	14" (350)	14" (350)	16" (400)	16" (400)	16" (400)	18" (457)	18" (457)	18" (457)
PEC	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)
IL S	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)
ERA	Overall Height (m)	6'4" (1.93)	7'10" (2.4)	7'10" (2.4)	7'10" (2.4)	7'10" (2.4)	7'11" (2.41)	8'6" (2.6)	7'11" (2.41)
GENERAL SPECIFICATIONS	Frame Leveling	N/A	±10°	±10°	±10°	±10°	±10°	±10°	±10°
	Fuel Capacity (L)	17 gal. (64)	29 gal. (110)	47 gal. (178)					

15	RS5-19	RS6-34	RS6-42 GEN:2 / RS8-42 GEN:2 / RS8-44 GEN:2	RS10-44 GEN:2 / RS10-55 GEN:2 / RS12-42 GEN:2	
TIONS	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	
TIRE OPTI	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	
	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	
	12.00 x 16.5/10 PR Turf		13.00 x 24 Solid Rubber	14.00 x 24 Rock	

\* with outriggers down



For more information on Gehl equipment, visit

gehl.com

Gehl reminds users to read and understand the operator's manual before operating any equipment. Also, make sure all safety devices and shields are in place and functioning properly.

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



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