

Solmec
SINCE 1960

EXP 50ZE
ZERO EMISSION



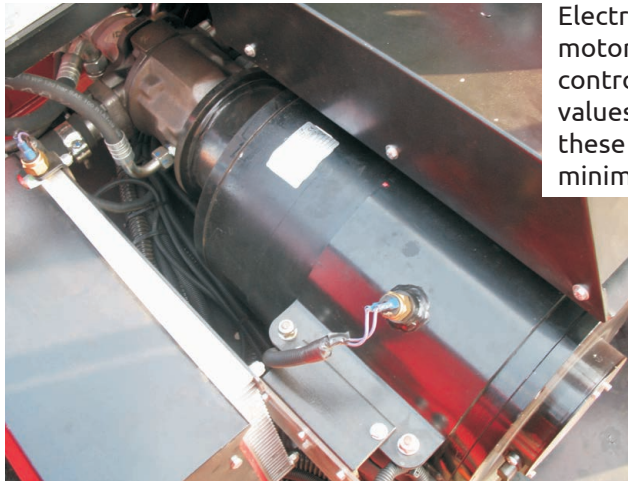
Technological challenge for our future

The production of the first model completely electric powered. The supply through accumulators ensure the same performances of the standard diesel version.

The Solmec EXP50ZE is designed to work continuously for approximately 8 hours without any decrease in performance. The recharging time is also approximately 8 hours. With these characteristics the Solmec EXP50ZE is an ideal machine for working inside warehouses, industrial plants or any other application where normal engine exhaust fumes are a hazard.

The Solmec EXP50ZE is the ideal low operating cost machine for handling light materials within restricted areas. It is a very environmental friendly machine with no engine gas Emissions.

The three phase electric motor at alternating current with electric control and 25 kW power at 2200 rpm. Directly from the cabin, the operator can choose between three different working speeds. At the motor is connected a LOAD SENSING variable displacement hydraulic pump, with a flow rate of 100 lt/min.



Electric fans for the motor and for the motor's compartment. This electronically controlled system is governed by the preset values of temperature and only works when these temperatures are reached. This system minimizes the waste of battery power.



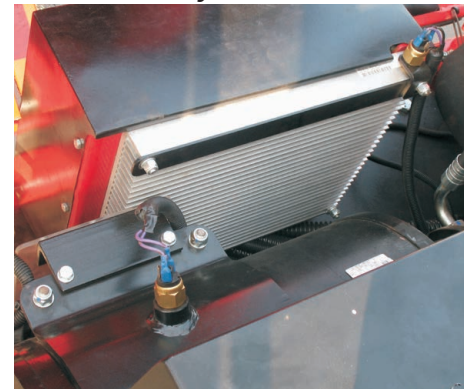
The cooling of the hydraulic oil is ensured by a large wide mesh radiator that allows a better temperature exchange thus avoiding occlusion of the air passages when working in a dust or contaminated air environment. The radiator is fitted with an thermostatically controlled electric fan.

The power sets (one for each battery), supplied as standard equipment with the machine, allow a full recharge of the batteries in only 8 hours.

The power set is powered with the normal 400 V electric current and will be automatically disabled when the recharge is completed.

80 V inverter for an accurate management of the torque and of the speed of the electric motor.

Equipped with special alloy tabs to ensure a better heat exchange and a better reliability.



By rotating the safety devices, it is possible to extract the mechanical locks of the battery pack, thus allowing the batteries to be removed from the machine.

Thanks to the housings specially designed to receive the forks of a forklift, it is possible to lift the batteries to remove them from the machine.



Safety

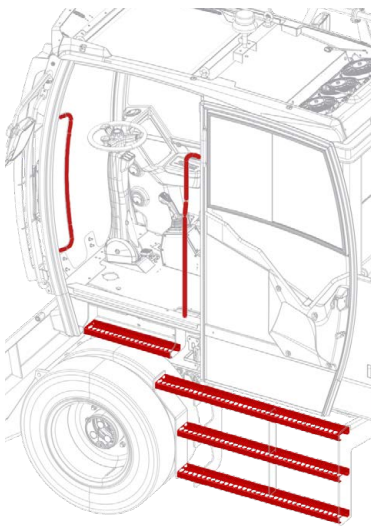
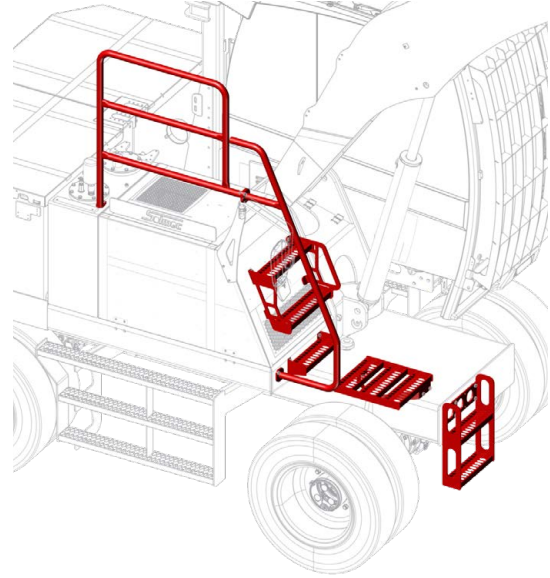
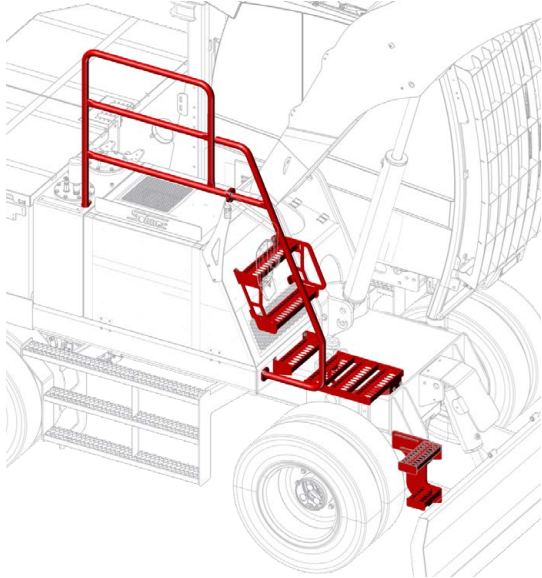
Solmec has always been committed to work safety. The "OWD" (Overload Warning Device), antirollover system, controls the load handled by the machine and stops the movements when it exceeds the maximum load allowed, authorizing only the movements that permit to be brought back the load to the safety position.

The operator presence system allows the use of machine controls only if the operator is seated in the driver's seat with the left armrest lowered.

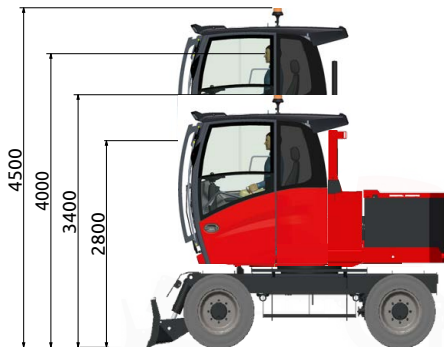
Non-slip steps and side handrails make it easier for the operator to get on and off the machine.

The majority of the grease points are easily accessible from the ground. A programmable automatic lubrication system is standard for the slewing ring and equipment.

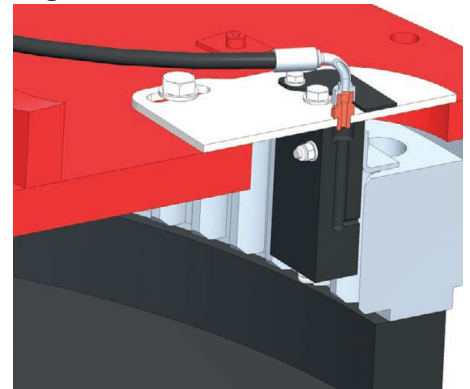
Wide steps standard included, for a safer and easier access on the machine and to the main maintenance and refuelling areas.



Operator's cab with hydraulic vertical elevation provides a 4.0 m operator eye height.



Automatic greasing of the slewing ring teeth.



Double rear mirrors with wide angle view on right and left side.

As option: rear camera with 7" color display into the cabin. Possibility to fit a camera on the right side and/or under the cab (or kit 3 cameras).



Performance

For over 60 years, Solmec produces material handling machines for scraps metal and waste recycling industry, for steel mills, for port and rail unloading, for sawmills, tanneries and car demantlers.

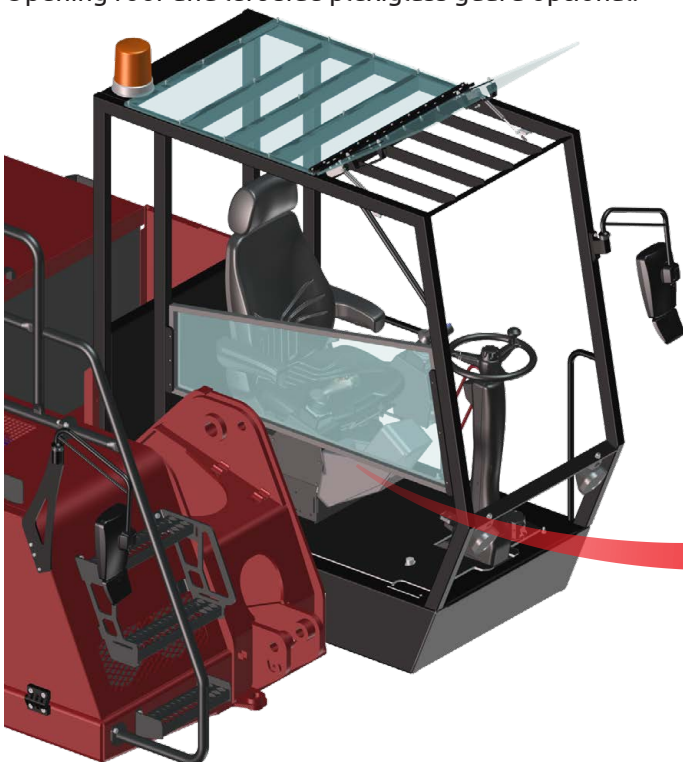
The new spacious cabin, equipped with every comfort, guarantees a pleasant and efficient working environment. The large windows in addition to the elevation cab allow a perfect view of the working area and ensure to the operator a driving in perfect safety .



The instrument panel ensures constant control of all machine parameters, including battery charge status and diagnostics of the electric motor system. It also includes controls for gear selection, electric motor speed, parking brake, automatic shut-down function, and auxiliary functions. Indicator lights inform the operator of hydraulic oil level, hydraulic oil filter clogging, reaching the machine stability limit, and the operation of additional installed attachments.

New electronic joysticks with proportional rollers for precise control of the bucket rotation and the front blade.

Optional: roll-over protection structure (ROPS) with orange flashing beacon, instead of the closed cab. Opening roof and left-side plexiglass guard optional.



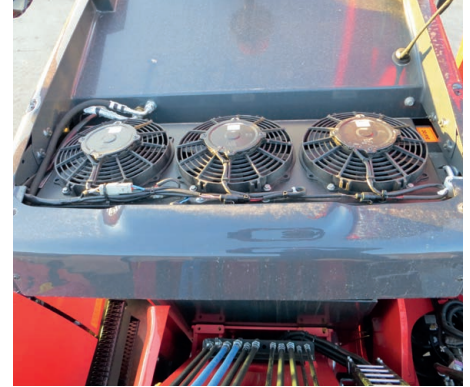
Comfort



Easy access button panel for headlights, windshield wipers and bluetooth® radio.



Automatic air conditioned as optional.



3 air conditioning fans separated from the main radiators for a more efficient cooling system.



Roll-up sun blind and wiper on the roof



Front-mounted roller sun blind.



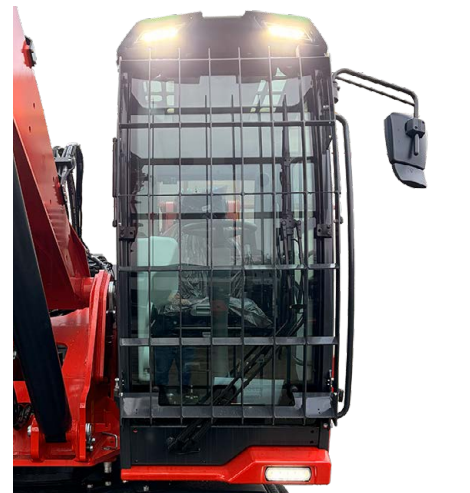
Driver's cab with large glass surfaces and left sliding side window.



Adjustable steering column ...

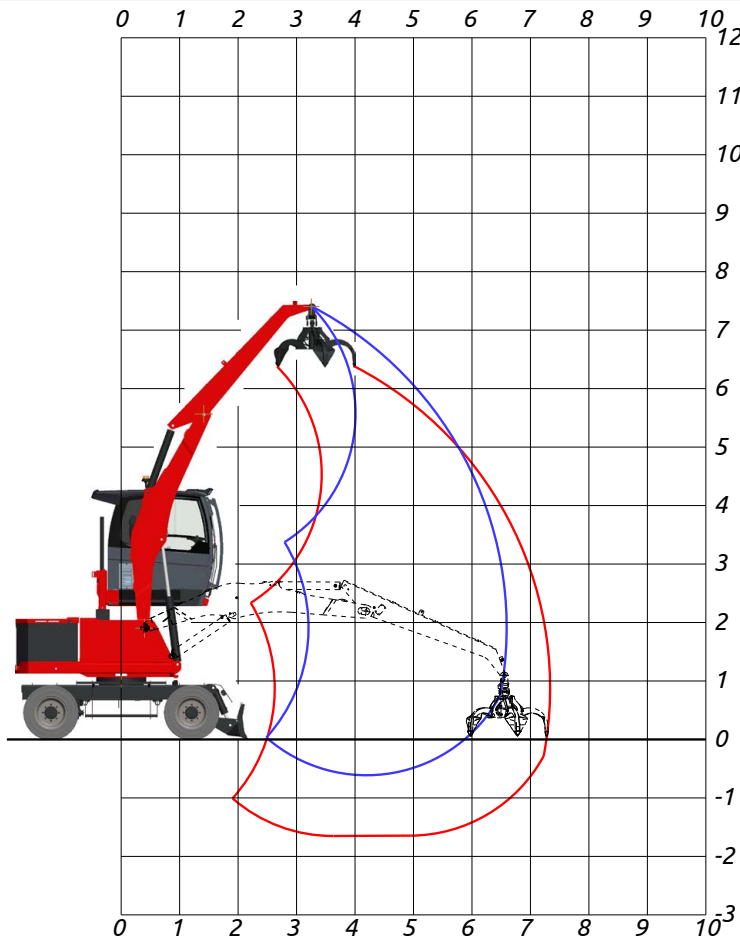


... for a comfortable driving position.



3 Standard LED headlights on cab.

WORKING DIAGRAM



AF6:
Gooseneck boom
3,80 m

Industrial stick
2,60 m

AT6:
Gooseneck boom
3,80 m

Telescopic stick
1,8 - 2,60 m

OPERATING WEIGHT:

13.500 kg

OPERATING WEIGHT WITH FRONT BLADE,
SOLID RUBBER TYRES,
GOOSENECK BOOM 3,80 m,
INDUSTRIAL STICK 2,6 m,
RP 300 ORANGE PEEL GRAB WITH ROTATOR.

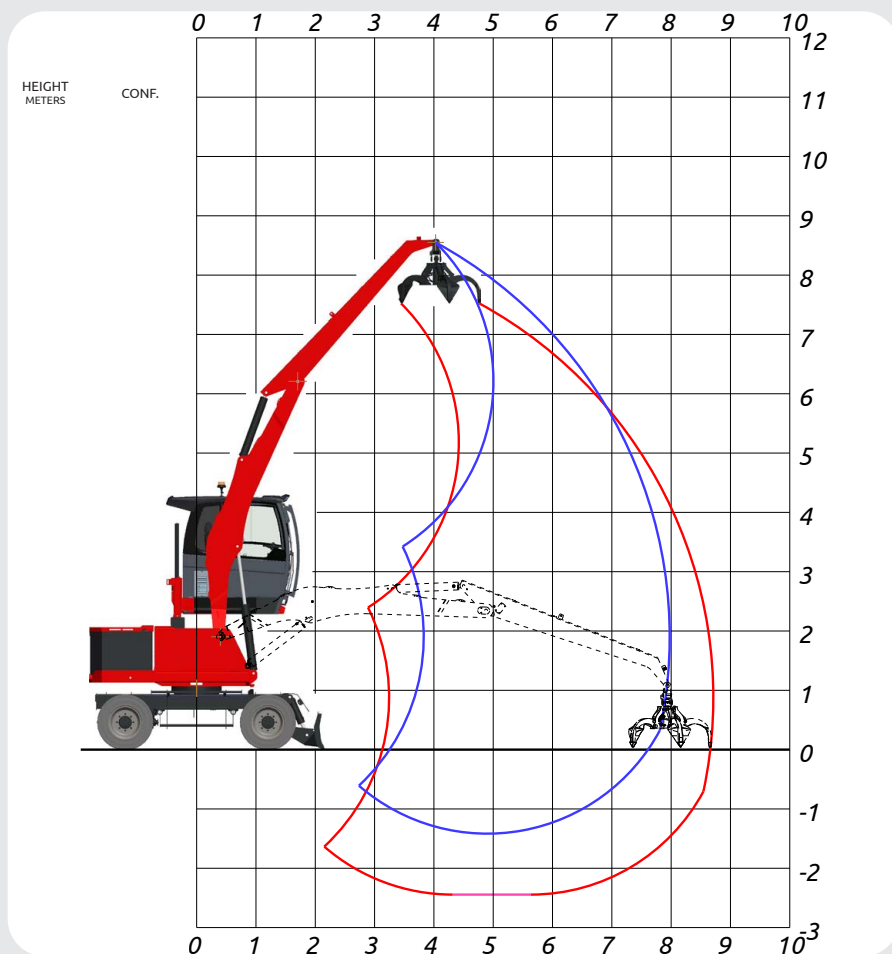
LIFTING CAPACITIES TONS

LIFTING RANGE (m)

| HEIGHT METERS | CONF. | 4,0 | | 5,0 | | 6,0 | | 6,6 | |
|---------------|-------|------|------|------|------|------|------|------|------|
| | | ○ | ⊙ | ○ | ⊙ | ○ | ⊙ | ○ | ⊙ |
| 6,0 | ○○ | 3,09 | 2,13 | 2,64 | 2,07 | | | | |
| 5,0 | ○○ | 2,92 | 2,13 | 3,04 | 1,99 | | | | |
| 4,0 | ○○ | 3,03 | 2,30 | 3,22 | 2,06 | 2,79 | 1,92 | | |
| 3,0 | ○○ | 3,87 | 2,58 | 3,70 | 2,20 | 3,23 | 1,97 | | |
| 2,0 | ○○ | 4,90 | 2,92 | 4,01 | 2,38 | 3,45 | 2,05 | 2,41 | 1,91 |
| 1,0 | ○○ | 5,40 | 3,20 | 4,28 | 2,53 | 3,42 | 2,11 | | |
| 0 | ○○ | 5,64 | 3,33 | 4,28 | 2,59 | | | | |

○ LIFTING CAPACITIES ON 360° WITHOUT SAFETY FACTOR ⊙ LIFTING CAPACITIES ON 360° ACCORDING WITH ISO 10567 *= HIDRAULIC
LIMIT LIFTING CAPACITIES ARE ON HOOK WITHOUT GRABS, MACHINE STATIC, LEVEL SOLID GROUND, WITH AXLE LOCKED.

WORKING DIAGRAM



AF8:
Gooseneck boom
4,50 m

Industrial stick
3,30 m

OPERATING WEIGHT:

13.700 kg

OPERATING WEIGHT WITH FRONT BLADE,
 SOLID RUBBER TYRES,
 GOOSENECK BOOM 4,50 m,
 INDUSTRIAL STICK 3,3 m,
 RP 300 ORANGE PEEL GRAB WITH ROTATOR.

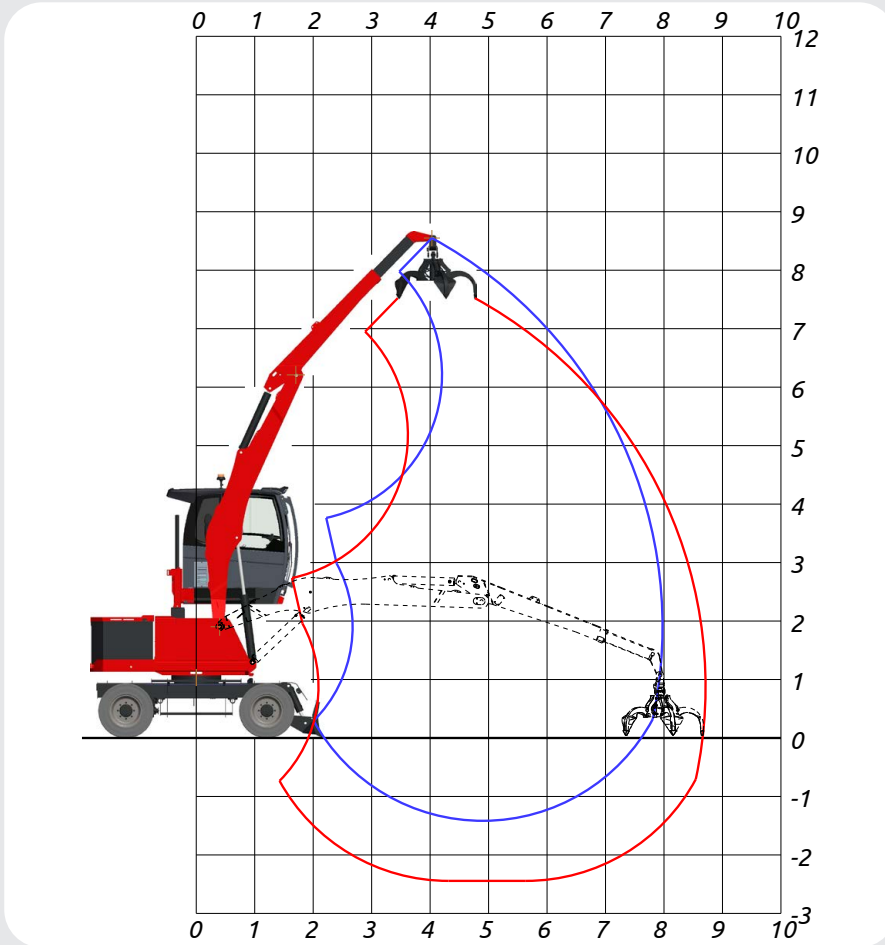
LIFTING CAPACITIES TONS

LIFTING RANGE (m)

| HEIGHT METERS | CONF. | 4,0 | | 5,0 | | 6,0 | | 7,0 | | 7,9 | |
|---------------|-------|------|------|------|------|------|------|------|------|------|------|
| | | ○ | ⊙ | ○ | ⊙ | ○ | ⊙ | ○ | ⊙ | ○ | ⊙ |
| 6,0 | ○○ | | | 2,65 | 1,68 | 2,70 | 1,62 | | | | |
| 5,0 | ○○ | | | 2,60 | 1,74 | 2,76 | 1,63 | 2,51 | 1,57 | | |
| 4,0 | ○○ | | | 2,78 | 1,87 | 2,93 | 1,70 | 2,79 | 1,59 | | |
| 3,0 | ○○ | 3,42 | 2,44 | 3,41 | 2,05 | 3,33 | 1,81 | 2,82 | 1,64 | | |
| 2,0 | ○○ | 5,18 | 2,81 | 4,18 | 2,26 | 3,40 | 1,93 | 2,78 | 1,71 | 2,35 | 1,54 |
| 1,0 | ○○ | 5,68 | 3,13 | 4,23 | 2,45 | 3,35 | 2,04 | 2,75 | 1,77 | | |
| 0 | ○○ | 5,58 | 3,33 | 4,16 | 2,58 | 3,31 | 2,12 | 2,73 | 1,77 | | |
| -1,0 | ○○ | 5,52 | 3,37 | 4,13 | 2,62 | 3,28 | 2,13 | 2,72 | 1,76 | | |

○ LIFTING CAPACITIES ON 360° WITHOUT SAFETY FACTOR ⊙ LIFTING CAPACITIES ON 360° ACCORDING WITH ISO 10567 * = HIDRAULIC
 LIMIT LIFTING CAPACITIES ARE ON HOOK WITHOUT GRABS, MACHINE STATIC, LEVEL SOLID GROUND, WITH AXLE LOCKED.

WORKING DIAGRAM



AT8:
Gooseneck boom
4,50 m

Telescopic arm
2,50 - 3,30 m

OPERATING WEIGHT:

13.800 kg

OPERATING WEIGHT WITH FRONT BLADE,
SOLID RUBBER TYRES,
GOOSENECK BOOM 4,50 m,
TELESCOPIC ARM,
RP 300 ORANGE PEEL GRAB WITH ROTATOR.

LIFTING CAPACITIES TONS

LIFTING RANGE (m)

| HEIGHT METERS | CONF. | 4,0 | | 5,0 | | 6,0 | | 7,0 | | 7,9 | |
|---------------|-------|------|------|------|------|------|------|------|------|------|------|
| | | ○ | ⊙ | ○ | ⊙ | ○ | ⊙ | ○ | ⊙ | ○ | ⊙ |
| 6,0 | ○○ | | | 2,65 | 1,68 | 2,70 | 1,62 | | | | |
| 5,0 | ○○ | | | 2,60 | 1,74 | 2,76 | 1,63 | 2,51 | 1,57 | | |
| 4,0 | ○○ | | | 2,78 | 1,87 | 2,93 | 1,70 | 2,79 | 1,59 | | |
| 3,0 | ○○ | 3,42 | 2,44 | 3,41 | 2,05 | 3,33 | 1,81 | 2,82 | 1,64 | | |
| 2,0 | ○○ | 5,18 | 2,81 | 4,18 | 2,26 | 3,40 | 1,93 | 2,78 | 1,71 | 2,35 | 1,54 |
| 1,0 | ○○ | 5,68 | 3,13 | 4,23 | 2,45 | 3,35 | 2,04 | 2,75 | 1,77 | | |
| 0 | ○○ | 5,58 | 3,33 | 4,16 | 2,58 | 3,31 | 2,12 | 2,73 | 1,77 | | |
| -1,0 | ○○ | 5,52 | 3,37 | 4,13 | 2,62 | 3,28 | 2,13 | 2,72 | 1,76 | | |

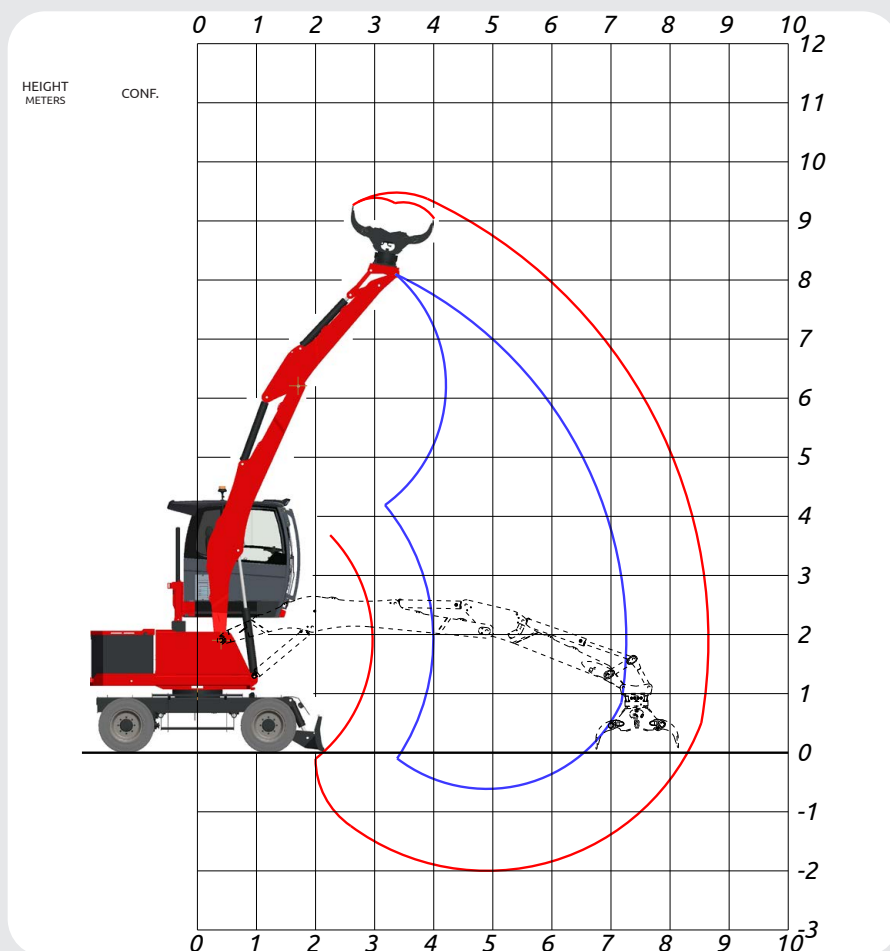
○ LIFTING CAPACITIES ON 360° WITHOUT SAFETY FACTOR

⊙ LIFTING CAPACITIES ON 360° ACCORDING WITH ISO 10567

*= HIDRAULIC

LIMIT LIFTING CAPACITIES ARE ON HOOK WITHOUT GRABS, MACHINE STATIC, LEVEL SOLID GROUND, WITH AXLE LOCKED.

WORKING DIAGRAM



AS7:
Gooseneck boom
4,50 m

Selector arm
2,50 m

OPERATING WEIGHT:

13.900 kg

OPERATING WEIGHT WITH FRONT BLADE,
SOLID RUBBER TYRES,
GOOSENECK BOOM 4,50 m,
SELECTOR ARM 2,5 m,
RSG 351X SELECTOR GRAB WITH ROTATOR.

LIFTING CAPACITIES TONS

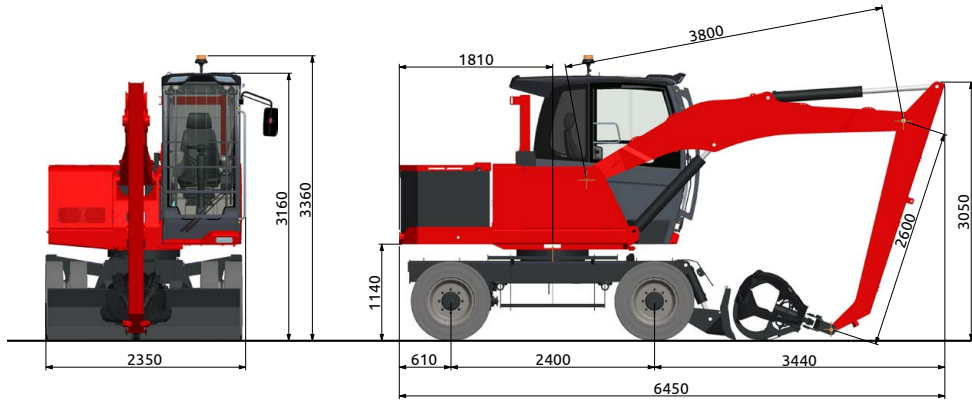
LIFTING RANGE (m)

| HEIGHT METERS | CONF. | 4,0 | | 5,0 | | 6,0 | | 7,0 | | 7,2 | |
|---------------|-------|------|------|------|------|------|------|------|------|------|------|
| | | ○ | ⊙ | ○ | ⊙ | ○ | ⊙ | ○ | ⊙ | ○ | ⊙ |
| 7,0 | ○○ | | | 2,83 | 1,89 | | | | | | |
| 6,0 | ○○ | | | 3,26 | 1,76 | | | | | | |
| 5,0 | ○○ | 3,17 | 2,04 | 3,31 | 1,79 | 3,08 | 1,64 | | | | |
| 4,0 | ○○ | 3,75 | 2,25 | 3,53 | 1,89 | 3,16 | 1,67 | | | | |
| 3,0 | ○○ | 4,73 | 2,55 | 3,84 | 2,05 | 3,15 | 1,75 | 2,52 | 1,57 | | |
| 2,0 | ○○ | 5,34 | 2,86 | 3,96 | 2,22 | 3,09 | 1,84 | 2,50 | 1,60 | 2,40 | 1,56 |
| 1,0 | ○○ | 5,25 | 3,08 | 3,88 | 2,35 | 3,04 | 1,91 | 2,47 | 1,61 | | |
| 0 | ○○ | 5,19 | 3,15 | 3,83 | 2,41 | 3,01 | 1,93 | | | | |

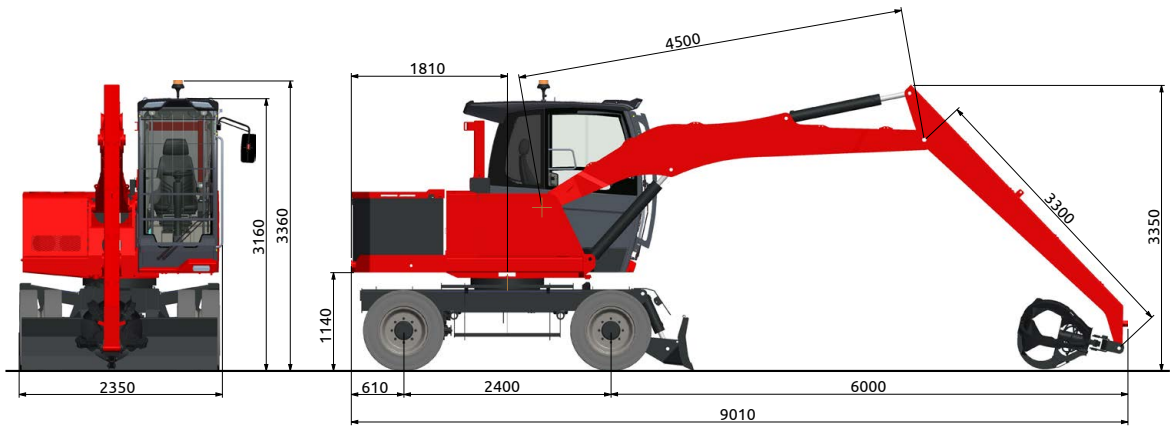
○ LIFTING CAPACITIES ON 360° WITHOUT SAFETY FACTOR ⊙ LIFTING CAPACITIES ON 360° ACCORDING WITH ISO 10567 *= HIDRAULIC
LIMIT LIFTING CAPACITIES ARE ON HOOK WITHOUT GRABS, MACHINE STATIC, LEVEL SOLID GROUND, WITH AXLE LOCKED.

DIMENSIONS

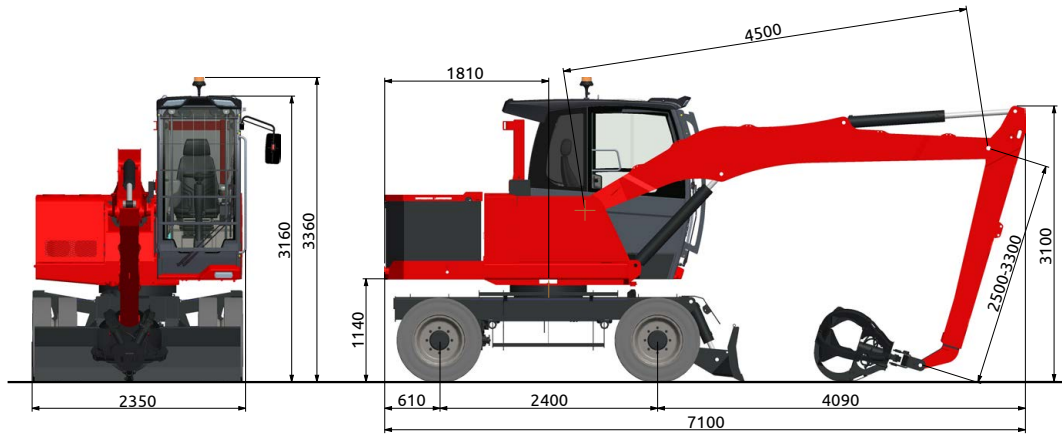
AF6



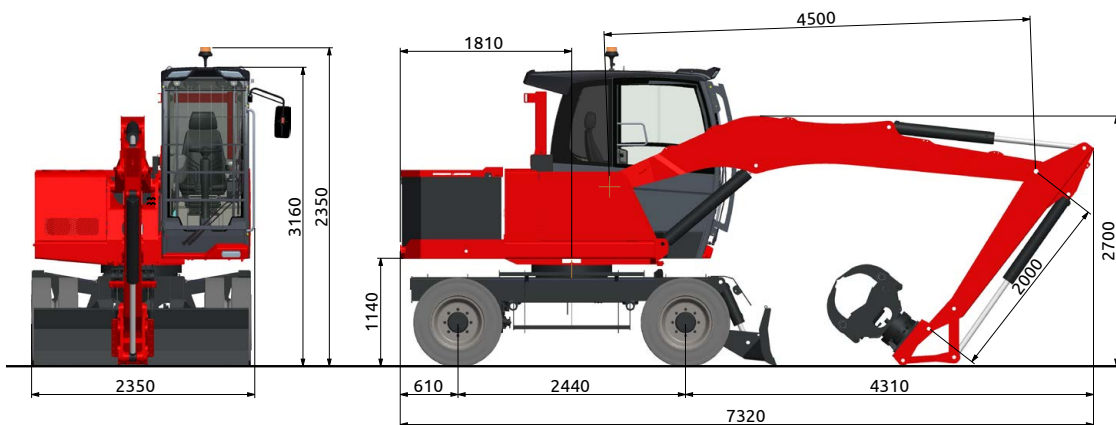
AF8



AT8



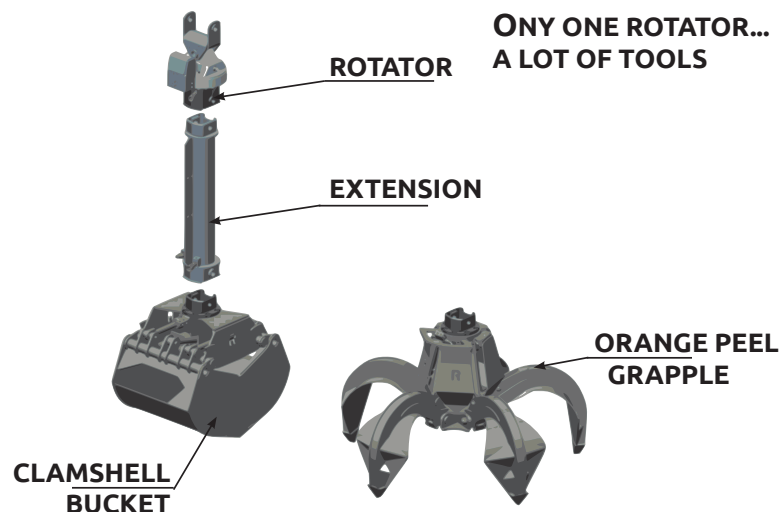
AS7



ACCESSORIES

| ACCESSORIES | STANDARD | OPTIONAL |
|--|----------|----------|
| - N° 8 TWINNED SOLID RUBBER TYRES 8.25 x 20 | • | |
| - N° 8 TWINNED SOLID RUBBER TYRES 9.00 x 20 WITH SPACER RUBBER RINGS | | • |
| - SELF LUBRICATING ANTI FRICTION BUSHES ON BLADE. | • | |
| - MANUAL GREASING SYSTEM FOR THE STEERING AXLE. | • | |
| - STEERING ON JOYSTICK | | • |
| - RADIO WITH BLUETOOTH® | | • |
| - 3 WORKING LIGHTS ON THE CABIN | • | |
| - FRONT AND ROOF WINDOW SCREEN PROTECTION | • | |
| - TOTAL CABIN PROTECTION | | • |
| - VERTICAL ELEVATION SYSTEM | | • |
| - AUTOMATIC AIR-CONDITIONING SYSTEM | | • |
| - AIR-CONDITIONING FILTER WITH ACTIVATED CHARCOAL | | • |
| - ROLLBAR PROTECTION (INSTEAD OF THE CABIN) | | • |
| - 2 LED WORKING LIGHTS ON ROLLBAR | | • |
| - OPENABLE CANOPY IN LEXAN® FOR ROLL-BAR | | • |
| - OPERATOR SEAT FULLY ADJUSTABLE. | • | |
| - SAFETY SEAT BELT | • | |
| - ANTI-THEFT IMMOBILIZER DEVICE | | • |
| - AUTOMATIC GREASING SYSTEM FOR THE UPPERSTRUCTURE AND SLEW RING | • | |
| - GENERATOR SYSTEM WITH PLATE | | • |
| - CAMERA WITH 7" COLOURED DISPLAY INTO THE CABIN | | • |
| - 2 LED WORKING LIGHTS ON STICK | | • |
| - SAFETY VALVES ON ALL CYLINDERS | • | |
| - HEIGHT LIMIT DEVICES | | • |
| - OVERLOAD WARNING DEVICE | • | |
| - COUPLE OF BATTERY CHARGERS (ONE FOR EACH PACK) | • | |
| - COUPLE OF MHE BATTERY HIGH EFFICIENCY | | • |
| - COUPLE OF EXTRA BATTERIES | | • |

SOLMEC QUICK COUPLER



TECHNICAL DATA EXP 50ZE

ELECTRIC MOTOR

Three phase electric motor with electronic control by 80 Volts inverter.

3 work speed are available.

| | |
|----------------|-------------------|
| Setting power: | 25 kW @ 2200 rpm. |
| Starting: | 38kW |

Feed through 2 batteries of 930 Ah.

HYDRAULIC SYSTEM

Open "load sensing" circuit constituted by a variable displacement axial pump, with automatic flow setting, connected to the electric motor, feeding a LS distributor block composed by 9 elements, with high pressure control valves and anti-shock valves on each element.

| | |
|-------------------|------------|
| Maximum flow: | 100 l/min. |
| Maximum pressure: | 280 bar. |

Two additional pumps for the auxiliary functions.

Large mesh oil heat exchanger combined.

TRAVEL

Hydrostatic with 4 wheel drive by means of a variable displacement hydraulic axial piston motor mounted on a two speed gearbox hydraulically operated from the cab coupled to the rear axle. Travel controlled by two separate pedals (one for each travelling direction).

Travel speed (in both directions)

| | |
|----------------|-------------------|
| Working speed: | from 0 to 4 km/h |
| Travel speed: | from 0 to 11 km/h |

STEERING

Hydraulic steering system powered by an independent pump. The floating steering axle can be hydraulically locked from the cabin in any position.

TYRES

N° 8 twinned full rubber tyres

- 8.25 x 20

N° 8 twinned full rubber tyres with rubber spacer rings between tyres

- 9.00 x 20 (optional)

BRAKES

SERVICE BRAKES: Having effect on the travel and taking advantage of the auto-breaking feature of the hydrostatic system.

PARKING AND EMERGENCY BRAKES: Multidisk spring applied/pressure released parking brakes.

SWING SYSTEM

Unlimited rotation in both directions by means of an axial piston hydraulic motor, splined to a double stage reduction gear with oil bath gears. Anti-shock valves protect the system. Double row ball bearing ring with internal teeth.

| | |
|---------------------|--------|
| Max rotation speed: | 6 rpm. |
| Tail swing radius: | 2,35 m |

OPERATOR'S CAB

Hydraulically operated raising driver's cab installed on silent block with large windows of tinted heat resistant safety glass and lateral sliding window, upper and front glasses with safety grids and wipers. Winter heating. Automatic air conditioned installed as optional. Radio preset.

Operator's seat with many possibilities of adjustment according to operator's weight and size.

As option: roll-over protection structure (ROPS) with orange flashing beacon, instead of the closed cab.

INSTRUMENTATION

Consisting of a digital instrument that displays: battery charge status, hour meter and electric system alarm status. Warning lights indicate: minimum hydraulic oil level, hydraulic oil filter clogging, parking brake, headlights, load limiter alarm, automatic greasing system, gear engaged, etc.

CONTROLS

N° 2 electronic controlled joysticks to carry out four operations Electronic proportional rollers for front blade/outriggers and grab rotator. Electro hydraulic devices for controlling hydraulic raising of the cab, parking brakes, front axle oscillation lock, gear box, engine speed selection and start and stop function.

ARMS

With reach from 7 to 9 metres. Dipper stick could be also telescopic or selector arm.

SOUND LEVELS

NOISE LIMIT

| | |
|------------|--------------|
| Directive | 2000/14/CE |
| Directive | 2005/88/CE |
| Regulation | 2024/1208/UE |

Sound pressure level at the operator's position: LpA 80 dB (A)

ELECTROMAGNETIC COMPATIBILITY

(Dir. 2014/30/UE) - The machine complies with the specified limits for both emissions and immunity.

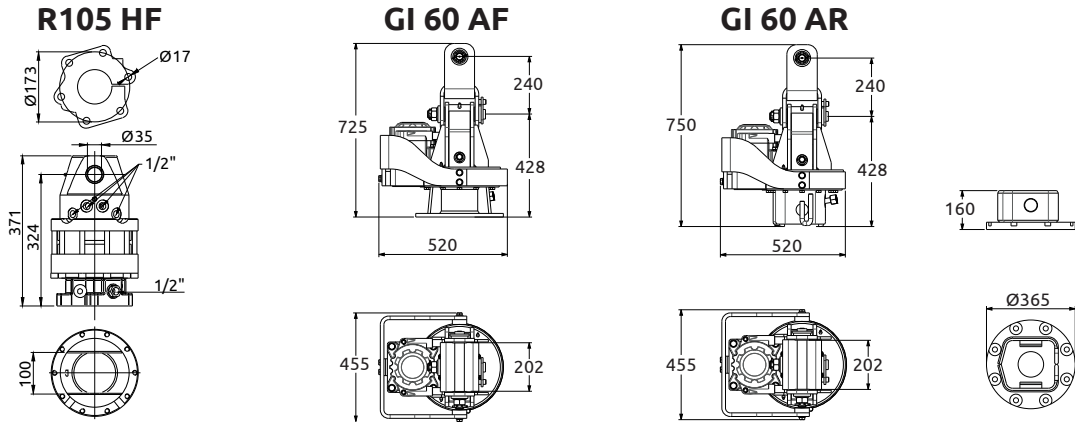
OVERLOAD WARNING DEVICE

Machinery Directive 2006/42/EC

Device for monitoring the machine's stability based on the load being handled and its position. It provides hazard warnings via acoustic and visual signals and automatically inhibits machine movements when stability limits are reached. It also displays the lifted load and the maximum permissible load in any working position.

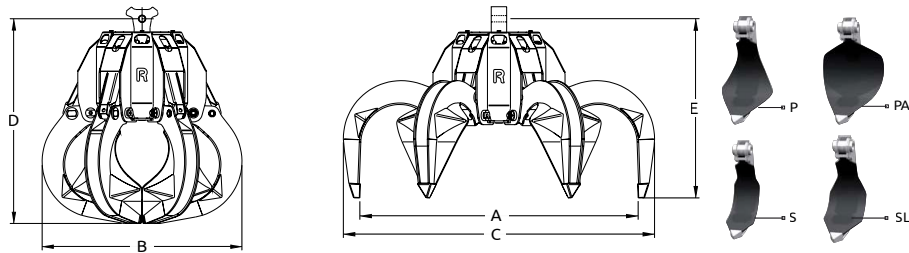
ACCESSORIES

HYDRAULIC ROTATORS



| Model | Lifting capacity | Weight | Torque | Rotation max pressure | Rotation max flow | Attachement max pressure | Attachement max flow |
|----------|------------------|--------|----------|-----------------------|-------------------|--------------------------|----------------------|
| R105HF | 4,5 t | 62 kg | 180 daNm | 250 bar | 25 l/min | 300 bar | - |
| GI 60 AF | 5 t | 200 kg | 310 daNm | 100 bar | 32 l/min | 300 bar | 180 l/min |
| GI 60 AR | 5 t | 210 kg | 310 daNm | 100 bar | 32 l/min | 300 bar | 180 l/min |

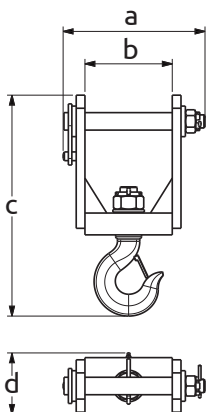
SPECIAL GRABS FOR TANNERIES



| Model | Capacity | Tines | Weight | Nr of Tines | Dimensions in mm | | | | |
|-----------------------|----------|-----------------|--------|-------------|------------------|------|------|------|------|
| | | | | | A | B | C | D | E |
| RV255C ¹⁻² | 255 l | P | 330 kg | 5 | 1450 | 1070 | 1620 | 1090 | 935 |
| RV255C ¹⁻² | 255 l | P | 380 kg | 6 | 1450 | 1070 | 1620 | 1090 | 935 |
| RV280C ¹ | 280 l | P - PA - S - SL | 580 kg | 5 | 1600 | 1090 | 1720 | 1270 | 1080 |
| RV280C ¹ | 280 l | P - PA - S - SL | 640 kg | 6 | 1600 | 1090 | 1720 | 1270 | 1080 |

- 1 Blunt and rounded tips and teeth
- 2 Stainless steel tines, bottom and pins; PEC bushings; round on stainless steel tines edge.

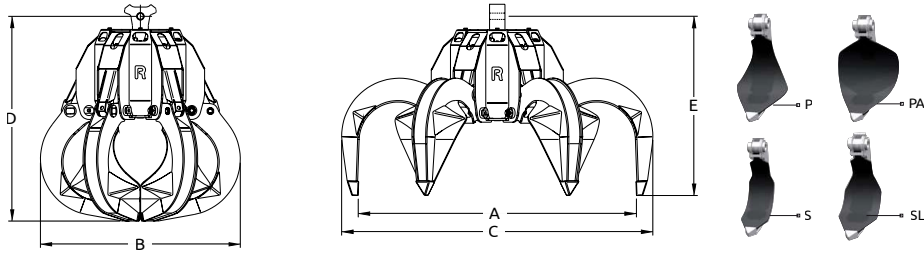
LIFTING HOOK



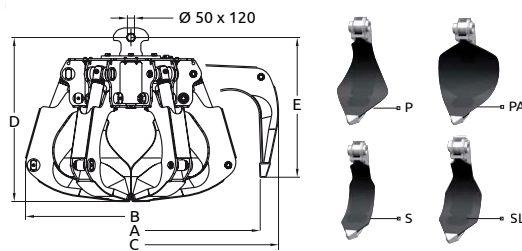
| Model | Lifting capacity | Weight | Dimensions in mm | | | |
|-------|------------------|--------|------------------|-----|-----|-----|
| | | | a | b | c | d |
| 7.5 T | 7.500 kg | 30 kg | 325 | 200 | 510 | 140 |

ATTACHMENTS

ORANGE PEEL GRABS FOR SCRAP

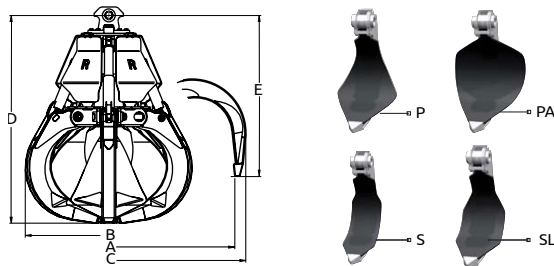


| Model | Capacity | Tines | Weight | Nr of Tines | Dimensions in mm | | | | |
|-------|----------|-----------------|--------|-------------|------------------|------|------|------|------|
| | | | | | A | B | C | D | E |
| RV255 | 255 l | P - PA - S - SL | 330 kg | 5 | 1450 | 1070 | 1620 | 1090 | 935 |
| RV255 | 255 l | P - PA - S - SL | 380 kg | 6 | 1450 | 1070 | 1620 | 1090 | 935 |
| RV280 | 280 l | P - PA - S - SL | 580 kg | 5 | 1600 | 1090 | 1720 | 1270 | 1080 |
| RV280 | 280 l | P - PA - S - SL | 640 kg | 6 | 1600 | 1090 | 1720 | 1270 | 1080 |



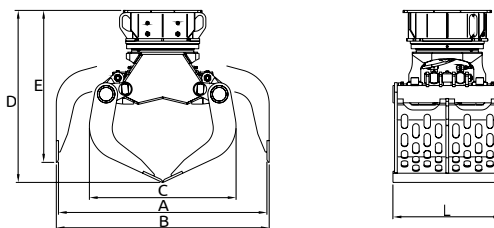
| Model | Capacity | Tines | Weight | Nr of Tines | Dimensions in mm | | | | |
|-------|----------|-----------------|--------|-------------|------------------|------|------|-----|-----|
| | | | | | A | B | C | D | E |
| RP300 | 300 l | P - PA - S - SL | 450 kg | 5 | 1630 | 1210 | 1850 | 960 | 810 |
| RP300 | 300 l | P - PA - S - SL | 500 kg | 6 | 1630 | 1210 | 1850 | 960 | 810 |

ORANGE PEEL GRABS FOR WASTE



| Model | Capacity | Tines | Weight | Nr of Tines | Dimensions in mm | | | | |
|-------|----------|-----------------|--------|-------------|------------------|------|------|------|-----|
| | | | | | A | B | C | D | E |
| RR360 | 360 l | P - PA - S - SL | 410 kg | 5 | 1800 | 1145 | 2010 | 1080 | 820 |

SELECTOR GRAB

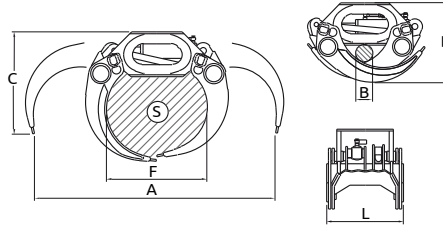


| Model | Capacity | Tine Force | Weight | Dimensions in mm | | | | | |
|----------------------|----------|------------|--------|------------------|------|-----|------|------|-----|
| | | | | A | B | C | D | E | L |
| RSG351X ¹ | 180 l | 3050 daN | 520 kg | 1500 | 1540 | 980 | 1080 | 1000 | 500 |

¹ Protection blades on request

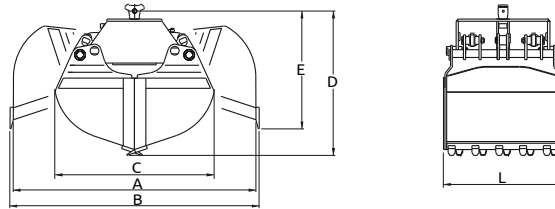
ATTACHMENTS

LOGS GRAPPLES



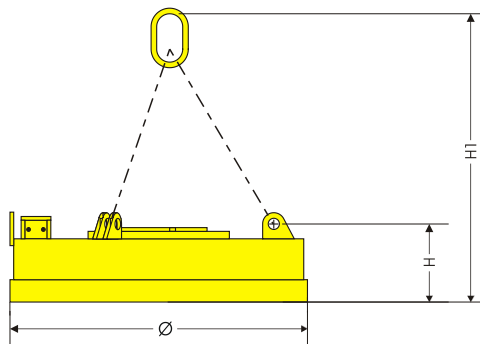
| Model | Area | Lifting capacity | Weight | Dimensions in mm | | | | | |
|---------|---------------------|------------------|--------|------------------|-----|-----|-----|-----|-----|
| | | | | A | B | C | D | L | F |
| R50/401 | 0,40 m ² | 3000 kg | 405 kg | 1900 | 140 | 810 | 670 | 640 | 800 |

CLAMSHELL BUCKETS



| Model | Capacity | Tine Force | Weight | Dimensions in mm | | | | | |
|---------|----------|------------|--------|------------------|------|------|------|------|-----|
| | | | | A | B | C | D | E | L |
| R75/400 | 400 l | 2050 daN | 305 kg | - | 2100 | 1300 | 1060 | 735 | 650 |
| R41/700 | 500 l | 4400 daN | 720 kg | 1990 | 2070 | 1270 | 1230 | 1070 | 820 |

MAGNETS



| Model | Absorbed power at 20° | Nominal | Weight | Ø | H | H1 | Hot tear strength (1) Δ= Ø300 | Hot Lifting capacity (2) | | Hot Lifting capacity (3) | | | |
|----------|-----------------------|---------|--------|-----|-----|-----|----------------------------------|--------------------------|-----------|-------------------------------------|-------------------------------------|-------------------------------------|----|
| | | | | | | | | Slabs or block | Drop Ball | Cast Iron Pigs | Scrap | | |
| | kW | Vdc | kg | mm | mm | mm | kg | kg | kg | 3A 2,2 ÷ 2,5 t/m ³ | 24 1,9 ÷ 2,0 t/m ³ | 40 0,8 ÷ 1,0 t/m ³ | |
| EC80/80V | 3,4 | 80 | 390 | 830 | 215 | 910 | 6200 | 3100 | 1100 | 125 | 110 | 90 | 45 |

(1) Determined in accordance with VDE 0580 § 36

(2) Determined after 5 hours and an ambient temperature of 20°C in accordance with VDE 0580 § 36

(3) Determined in accordance with VDE 0580 § 44 2-6



The latest version of the brochure is available on the Solmec website.



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