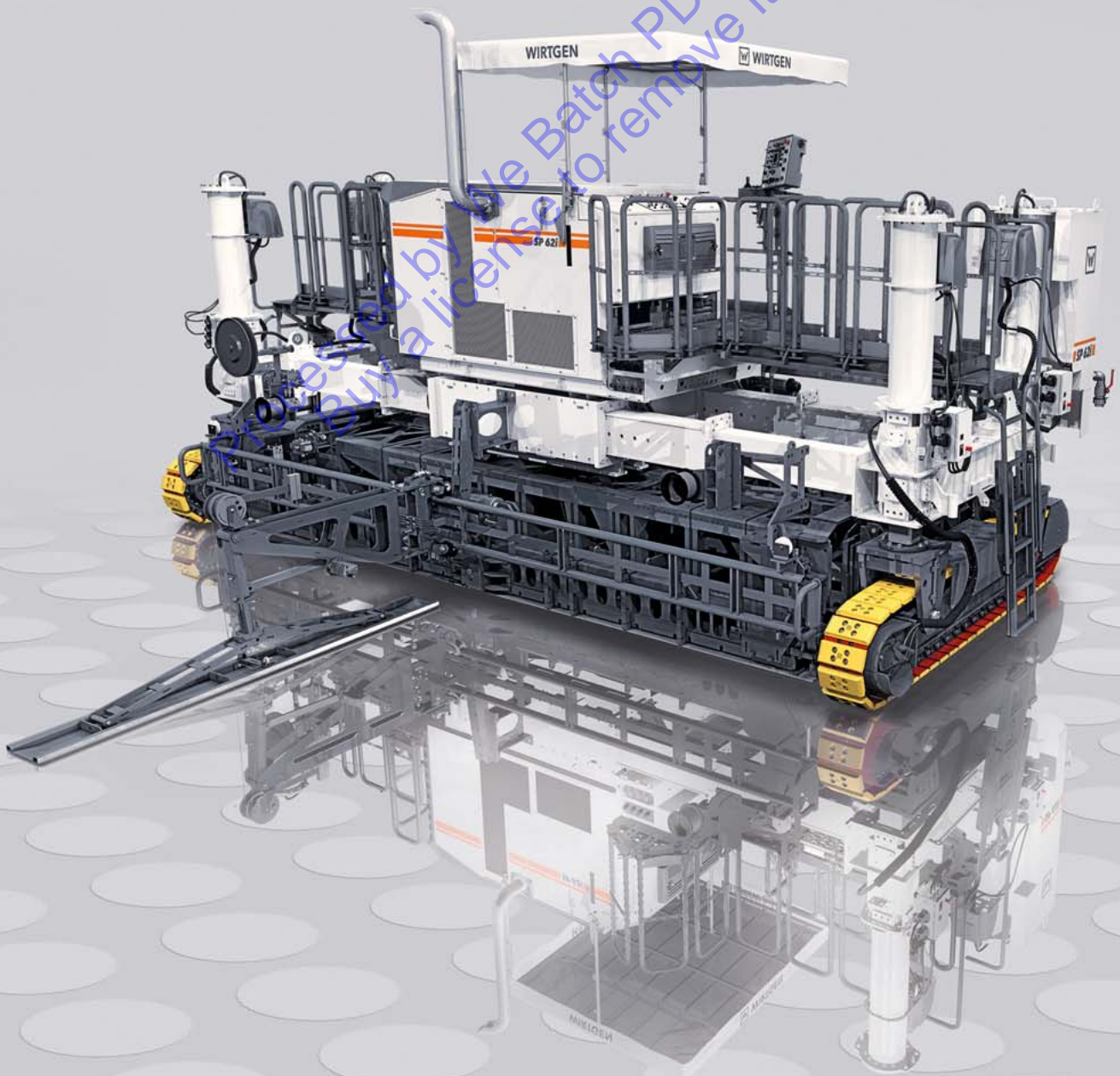


Compact inset slipform paver.

Slipform Pavers

SP 62 | SP 62i



At a glance: outstanding features of the new SP 62/SP 62i

Highlights in concrete paving (pages 4/5)

1| EXCEPTIONAL FLEXIBILITY IN CONCRETE PAVING

The slipform paver achieves perfection in the highly precise paving of standard concrete slabs at widths ranging from 3.5 m to 7.5 m and layer thicknesses of up to 450 mm.

2| TRIED-AND-TESTED SLAB PAVING MOULD

Metric inset slab paving moulds of the 910 m or 910 wm series are on offer. The 910 wm series is equipped with a wearing pan in standard design and central crown as an optional feature.

3| OPTIONS IN CONCRETE COMPACTION

Depending on customer requirements, the paver can be equipped with a hydraulic or electric vibrator drive. In standard design, it comes with 12 hydraulic connectors (optionally 18) but can optionally be fitted with 18 or 24 electric connectors.

Highlights in engine technology and operation (pages 6/7)

4| EFFICIENT ENGINE MANAGEMENT

The ECO MODE feature automatically adjusts the engine output to the current performance requirements, thus ensuring reduced diesel consumption and low noise emission levels.

5| STATE-OF-THE-ART ENGINE TECHNOLOGY

The SP 62 features state-of-the-art, high-performance engine technology (155 kW/208 HP/211 PS) complying with exhaust emission standards EU Stage 3a/US Tier 3. The SP 62i features state-of-the-art, high-performance engine technology (180 kW/241 HP/245 PS) complying with exhaust emission standards EU Stage 4/US Tier 4f.

6| PERFECT ERGONOMIC DESIGN AND HANDLING

Relaxed working is ensured by the ergonomically designed workplace offering a user-friendly operating concept and perfect visibility.



Highlights in machine control (pages 8/9)

7 | HIGHLY PRECISE STEERING AND DRIVE SYSTEMS

Intelligent control systems for exceedingly quiet operation and the responsive skid steering system guarantee precision in concrete paving.

8 | MACHINE CONTROL SYSTEMS FEATURING ADVANCED INTELLIGENCE

The standardized interface for quick, targeted service diagnostics and the state-of-the-art WITOS telematics system increase efficiency in everyday operation.

9 | FIELD-PROVEN 3D INTERFACE

The optional interface guarantees tested compatibility with the 3D control systems of leading suppliers.

Highlights in modular design (pages 10/11)

10 | FULLY MODULAR MACHINE DESIGN

The paver's fully modular design is synonymous with flexible modification, easy retrofitting of options and application-specific adjustment to site conditions.

11 | INTELLIGENT TRANSPORT CONCEPT

The two-track design of the SP 62/SP 62i ensures ease of transport as well as quick setup and operational readiness.



- > ECONOMICAL PAVER ON TWO TRACKS FOR WORKING WIDTHS OF UP TO 7.5 M
- > EASE OF TRANSPORT AND QUICK AVAILABILITY ON SITE
- > EXCEPTIONALLY LOW GROUND PRESSURE OF THE MACHINE

Technical specification

	SP 62	SP 62i
Range of applications		
Slab paving application	Paving width: 3.50 to 7.50 m*1 Layer thickness: up to 450 mm*1	
Concrete spreading		
Spreading auger	Modular extension to up to 7.50 m	
Spreading plough	Modular extension to up to 7.50 m	
Slab paving equipment		
Slab paving mould type 910 m (excluding wearing pan, excluding crown function)	Modular extension to up to 7.50 m	
Slab paving mould type 910 mm (including wearing pan, including or excluding crown function)	Modular extension to up to 7.50 m	
Oscillating beam	Modular extension to up to 7.50 m	
Super smoother	Modular extension to up to 7.50 m	
Side tie bar inserter	Right and/or left	
Vibrators and circuits		
Hydraulic vibration	12 connectors (optional 18 connectors)	
Electric vibration	18 connectors (optional 24 connectors)	
Hydraulically driven vibrators	Curved (D66)	
Electrically driven vibrators	Curved (D76)	
Engine		
Engine manufacturer	Deutz	Deutz
Type	TCD 2012 L06 2V	TCD 6.1 L6
Cooling	Water	Water
Number of cylinders	6	6
Rated power at 2,300 rpm	155 kW/208 HP/211 PS	180 kW/241 HP/245 PS
Displacement	6,057 cm ³	6,057 cm ³
Fuel consumption, full load	42 l/h	46 l/h
Fuel consumption, 2/3 load	17 l/h	18 l/h
Exhaust emission standards	EU Stage 3a/US Tier 3	EU Stage 4/US Tier 4f
Electrical system		
Electrical power supply	24 V DC	
Electric vibration	110 V AC 3~/200 Hz	

	SP 62	SP 62i
Tank capacities		
Fuel tank	400 l	400 l
AdBlue® / DEF tank	-	32 l
Hydraulic oil tank, electric vibration	200 l	200 l
Hydraulic oil tank, hydraulic vibration	400 l	400 l
Water tank	500 l + 500 l	500 l + 500 l
Driving properties		
Paving speed		0–6 m/min
Travel speed in travel gear		0–18 m/min
Crawler units		
Number		2
Type B1: dimensions (L x W x H)		3,390 x 300 x 660 mm
Height adjustment		
Hydraulic		1,100 mm
Mechanical		420 mm
Central crown		
Variable adjustment range		For paving widths of 3.50 to 7.50 m: max. 3 % ^{*2}
Transport dimensions (L x W x H)		
Paving width 3.50 m: Machine including slab paving mould type 910 m/910 mm, including spreading plough, oscillating beam and super smoother (without guide bar for super smoother)		5,750 x 3,500 x 3,100 mm
Paving width 7.50 m: Machine including slab paving mould type 910 m/910 mm, including spreading plough, oscillating beam and super smoother (without guide bar for super smoother)		9,750 x 3,500 x 3,100 mm
Machine weights		
Operating weight CE (including slab paving mould type 910 m), 3.50 m		25,000 kg ^{*3}
Machine weight		24,000 to 34,000 kg ^{*3}

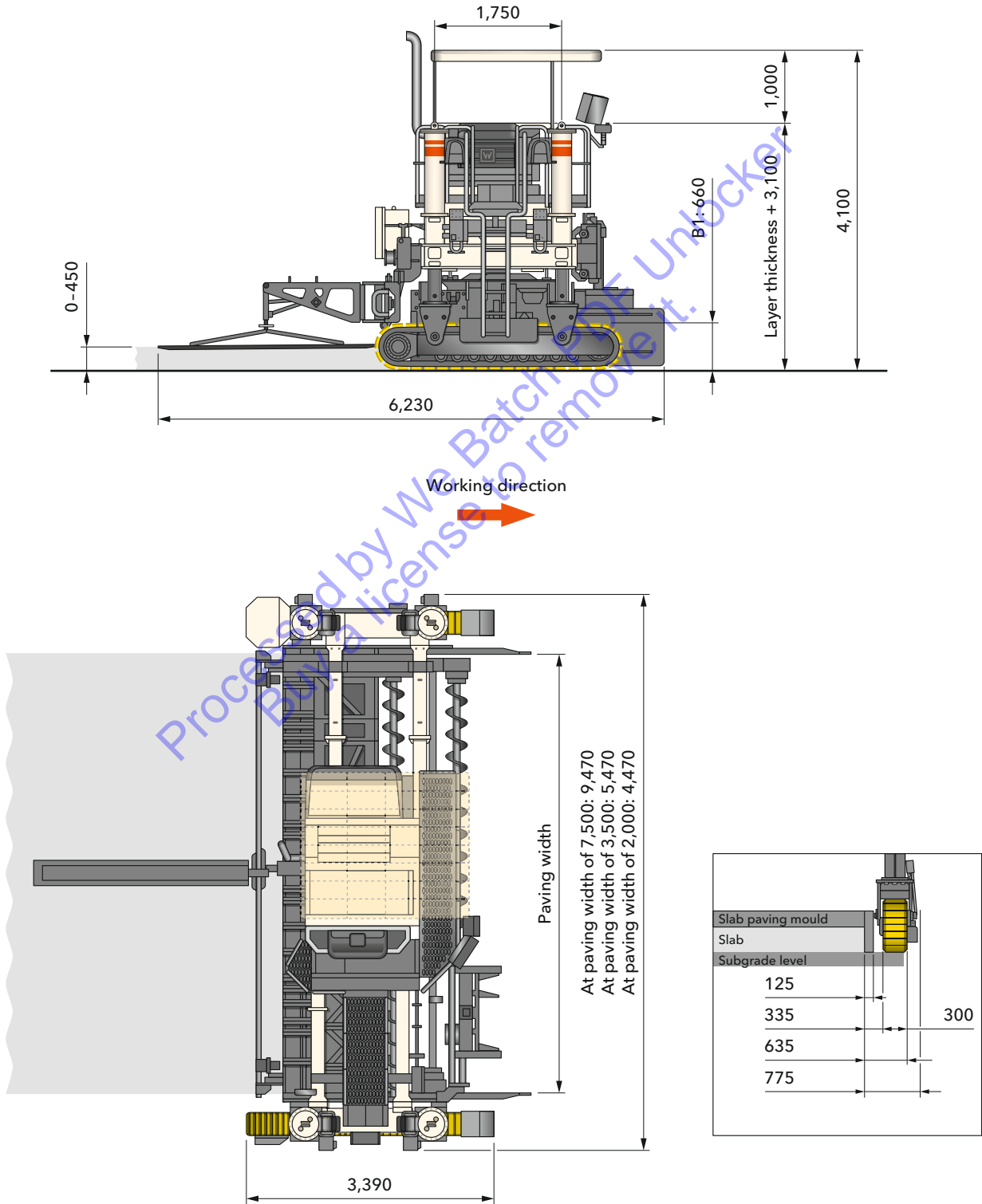
*1 = Please consult factory for special paving widths, layer thicknesses and optional equipment features

*2 = Values within standard transport height; please consult factory for special dimensions

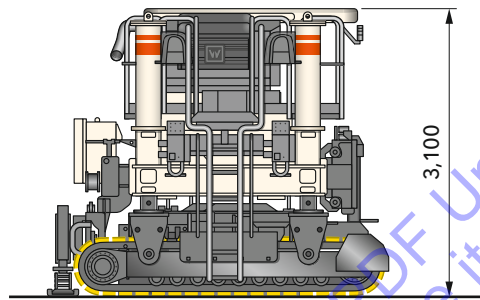
*3 = Weights depend on the machine's range of equipment and paving width

Dimensions

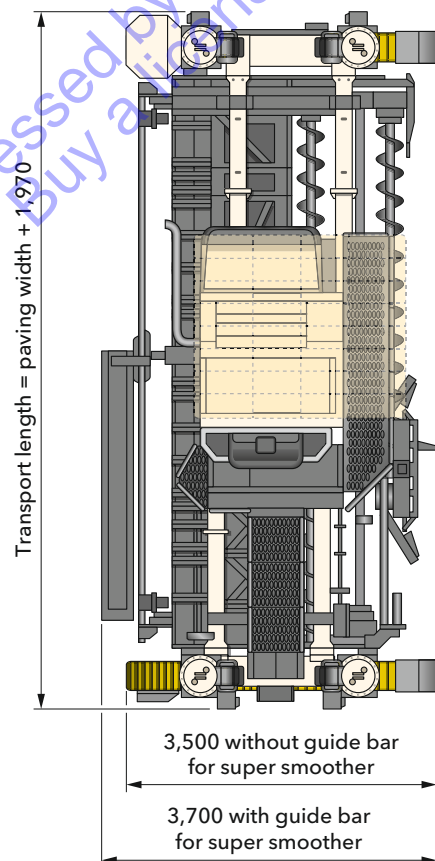
Paving situation: slipform paver SP 62/SP 62i equipped with spreading auger or spreading plough, slab paving mould type 910 m/910 wm, oscillating beam and super smoother



Transport situation: slipform paver SP 62/SP 62i equipped with spreading auger or spreading plough, slab paving mould type 910 m/910 wm and super smoother



Working direction



Standard equipment

	SP 62	SP 62i
Base machine		
Basic machine consisting of engine unit and chassis, mechanically telescoping to the left and right for the use of paving moulds between the track units. Also includes pre-installation for two crawlers.	■	■
Fuel tank 400 litres	■	■
Electrical system (24 V)	■	■
Cooling system with temperature-controlled fan speed	■	■
Hydraulic system with an adequately sized hydraulic oil tank and a pump splitter gearbox with 2 output shafts and the pumps required for the basic equipment of the machine	■	■
Main frame and height adjustment		
Robust steel frame, which can be telescoped to either side by 810 mm, can be optionally extended using fixed extension pieces	■	■
With a large number of fixation points, the chassis is prepared for modular supplementing with various machine functions	■	■
Concrete equipment between 2.00 m and 4.00 m can be connected to the frame, optionally extendable to working widths up to 7.50 m	■	■
Chassis components for step-by-step mechanical telescoping for working widths up to 4.50 m	□	□
Crawler unit and crawler unit connections		
Paving speed of B1 crawler unit: 0-9 m/min	■	■
Transport speed of B1 crawler unit: 0-18 m/min	■	■
Model with two B1 crawler units (10 rollers) with triple grouser steel track pads	□	□
Machine control and levelling and steering		
WI-CONTROL - the high-quality control for optimum interaction between all machine functions	■	■
Fault messages are shown on the machine display	■	■
The existing CAN bus system can be expanded for the specific customer	■	■
Eco mode: Engine management optimised acc. to demand for reduced diesel consumption and low noise emissions	■	■
Proportional electrohydraulic levelling and steering by PLC system including 4 levelling sensors and 2 steering sensors	■	■
Sensor mountings adjustable in height and range	■	■
An electronic slope sensor enables paving with a working width of 4.00 m / 13 ft with a stringline on only one side	■	■
Four levelling hydraulic cylinders with 1.00 m stroke	■	■

- = Standard equipment
- = Standard equipment, replaceable with optional equipment
- = Optional equipment

	SP 62	SP 62i
Vibration		
Hydraulic vibrator drive for max. 12 vibrators	<input type="checkbox"/>	<input type="checkbox"/>
10x bent vibrators D66, hydraulically driven	<input type="checkbox"/>	<input type="checkbox"/>
Concrete equipment for carriageway paving		
Mould boards series 910 m, without crown profile - basic width 3.50 m	<input type="checkbox"/>	<input type="checkbox"/>
One-piece sideplates for paving mould series 910 m/910 wm	<input type="checkbox"/>	<input type="checkbox"/>
Operator's stand		
Ergonomic operator's stand with optimum view of the paving process	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Ergonomic operation on two control panels with clear, language-independent symbols	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Control panel 1 for setting up the machine according to the field	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Control panel 2 with multi-function control display, providing a menu for the operator giving all necessary machine parameters and allowing settings to be made. This can be adapted to all travel directions and paving configurations.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
One control panel can be stored in the engine unit. The second control panel can be protected against vandalism and weather using lockable covers.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Automated recognition of the particular machine configuration enables simple orientation for the operator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Others		
Large tool package in lockable tool box	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Extensive safety package with EMERGENCY STOP switches	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Filling of the machine hydraulics with mineral hydraulic oil	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Paint standard cream white RAL 9001	<input type="checkbox"/>	<input type="checkbox"/>
Lighting package with 4 halogen spotlights, 24 V	<input type="checkbox"/>	<input type="checkbox"/>

- = Standard equipment
- = Standard equipment, replaceable with optional equipment
- = Optional equipment

Optional equipment

	SP 62	SP 62i
Main frame and height adjustment		
Chassis components for continuous hydraulic telescoping for working widths up to 6.00 m	<input type="checkbox"/>	<input type="checkbox"/>
Chassis components for continuous hydraulic telescoping including extension pieces for working widths up to 7.50 m	<input type="checkbox"/>	<input type="checkbox"/>
Concrete spreading for road surface paving		
Spreader auger without crown profile - basic width 3.50 m	<input type="checkbox"/>	<input type="checkbox"/>
Split spreader auger with/without crown profile - basic width 3.50 m	<input type="checkbox"/>	<input type="checkbox"/>
Spreader auger - extension element 0.25 m, clockwise pitch	<input type="checkbox"/>	<input type="checkbox"/>
Spreader auger - extension element 0.50 m, clockwise pitch	<input type="checkbox"/>	<input type="checkbox"/>
Spreader auger - extension element 0.75 m, clockwise pitch	<input type="checkbox"/>	<input type="checkbox"/>
Spreader auger - extension element 1.00 m, clockwise pitch	<input type="checkbox"/>	<input type="checkbox"/>
Spreader auger - extension element 0.25 m, counterclockwise pitch	<input type="checkbox"/>	<input type="checkbox"/>
Spreader auger - extension element 0.50 m, counterclockwise pitch	<input type="checkbox"/>	<input type="checkbox"/>
Spreader auger - extension element 0.75 m, counterclockwise pitch	<input type="checkbox"/>	<input type="checkbox"/>
Spreader auger - extension element 1.00 m, counterclockwise pitch	<input type="checkbox"/>	<input type="checkbox"/>
Spreader plough - basic width 3.50 m	<input type="checkbox"/>	<input type="checkbox"/>
Spreader plough - extension element 0.25 m	<input type="checkbox"/>	<input type="checkbox"/>
Spreader plough - extension element 0.50 m	<input type="checkbox"/>	<input type="checkbox"/>
Spreader plough - extension element 0.75 m	<input type="checkbox"/>	<input type="checkbox"/>
Spreader plough - extension element 1.00 m	<input type="checkbox"/>	<input type="checkbox"/>
Crawler unit and crawler unit connections		
Model with two B1 crawler units (10 rollers) with polyurethane track pads	<input type="checkbox"/>	<input type="checkbox"/>
Extension of the walkway used by the operator to pass from one side of the machine to the other	<input type="checkbox"/>	<input type="checkbox"/>
Machine control and levelling and steering		
Slab tracer, 2 pcs	<input type="checkbox"/>	<input type="checkbox"/>
Slab tracer, 4 pcs	<input type="checkbox"/>	<input type="checkbox"/>
Control unit for manual crawler unit steering	<input type="checkbox"/>	<input type="checkbox"/>
Pre-equipment for 3D levelling	<input type="checkbox"/>	<input type="checkbox"/>

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- = Optional equipment

SP 62

SP 62i

Vibration

Hydraulic vibrator drive for max. 18 vibrators

Bended vibrator D66, hydraulically driven

Straight vibrator D66, hydraulically driven

Electric vibrator drive with 40 kVA generator for max. 18 vibrators

Electric vibrator drive with 40 kVA generator for max. 24 vibrators

10x bent vibrators D76, electrically driven

Bended vibrator D76, electrically driven

Straight vibrator D66, electrically driven

Concrete equipment for carriageway paving

Metering gate for paving mould without crown profile - basic width 3.50 m

Split metering gate for paving mould with/without crown profile - basic width 3.50 m

Automatic metering gate control for concrete paving moulds

Metering gate - extension element 0.25 m

Metering gate - extension element 0.50 m

Metering gate - extension element 0.75 m

Metering gate - extension element 1.00 m

Mould boards series 910 wm, without crown profile - basic width 3.50 m

Paving mould series 910wm, with/without crown profile - basic width 3.50 m

Two-piece sideplate for production of headers/construction joints, 910 m/910 wm series paving mould

Mould boards series 900 m/910 m - extension element 0.25 m wide

Mould boards series 910 m - extension element 0.50 m wide

Mould boards series 910 m - extension element 0.75 m wide

Mould boards series 910 m - extension element 1.00 m wide

Paving mould series 910 wm - extension element 0.25 m wide

Paving mould series 910 wm - extension element 0.50 m wide

Paving mould series 910 wm - extension element 0.75 m wide

Paving mould series 910 wm - extension element 1.00 m wide

■ = Standard equipment

■ = Standard equipment, replaceable with optional equipment

□ = Optional equipment

Optional equipment

	SP 62	SP 62i
Concrete equipment for carriageway paving		
Oscillating beam without crown profile - basic width 3.50 m	<input type="checkbox"/>	<input type="checkbox"/>
Oscillating beam with/without crown profile - basic width 3.50 m	<input type="checkbox"/>	<input type="checkbox"/>
Oscillating beam - extension element 0.25 m	<input type="checkbox"/>	<input type="checkbox"/>
Oscillating beam - extension element 0.50 m	<input type="checkbox"/>	<input type="checkbox"/>
Oscillating beam - extension element 0.75 m	<input type="checkbox"/>	<input type="checkbox"/>
Oscillating beam - extension element 1.00 m	<input type="checkbox"/>	<input type="checkbox"/>
Super smoother - basic width 3.50 m	<input type="checkbox"/>	<input type="checkbox"/>
Super smoother - extension element 0.25 m	<input type="checkbox"/>	<input type="checkbox"/>
Super smoother - extension element 0.50 m	<input type="checkbox"/>	<input type="checkbox"/>
Super smoother - extension element 0.75 m	<input type="checkbox"/>	<input type="checkbox"/>
Super smoother - extension element 1.00 m	<input type="checkbox"/>	<input type="checkbox"/>
Super smoother - extension element 2.00 m	<input type="checkbox"/>	<input type="checkbox"/>
1 side tie-bar inserter for straight tie-bars, max. ø 20 mm, length 800 mm	<input type="checkbox"/>	<input type="checkbox"/>
2 side tie-bar inserters for straight tie-bars, max. ø 20 mm, length 800 mm	<input type="checkbox"/>	<input type="checkbox"/>
Operator's stand		
Weather canopy for operator's stand, foldable manually	<input type="checkbox"/>	<input type="checkbox"/>
Others		
Paint in one special colour (RAL)	<input type="checkbox"/>	<input type="checkbox"/>
Paint in two special colours (RAL)	<input type="checkbox"/>	<input type="checkbox"/>
Paint in maximum two special colours with substructure in special colour (RAL)	<input type="checkbox"/>	<input type="checkbox"/>
High-performance lighting package with 8 LED spotlights, 24 V	<input type="checkbox"/>	<input type="checkbox"/>
Hydraulic high-pressure water cleaner unit, 500 litre steel tank	<input type="checkbox"/>	<input type="checkbox"/>
Additional electrical water pump 24 V with 10.00 m hose and spray gun with handle	<input type="checkbox"/>	<input type="checkbox"/>
Additional water tank steel, 500 litres additionally	<input type="checkbox"/>	<input type="checkbox"/>
Self-levelling for transporting	<input type="checkbox"/>	<input type="checkbox"/>
Rotary beacon halogen 24 V with magnet base	<input type="checkbox"/>	<input type="checkbox"/>

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	SP 62	SP 62i
Others		
Flashing light 24 V with magnet base	<input type="checkbox"/>	<input type="checkbox"/>
Two 230 V lighting balloons, including power generator	<input type="checkbox"/>	<input type="checkbox"/>
Two 110 V lighting balloons, including power generator	<input type="checkbox"/>	<input type="checkbox"/>
High-performance lighting package consisting of 4 LED working lights (24 V) for illuminating the compression area	<input type="checkbox"/>	<input type="checkbox"/>
Wire tensioning system, complete with 1,000 m steel wire	<input type="checkbox"/>	<input type="checkbox"/>
Second tensioning winch for levelling the machine using two wire ropes	<input type="checkbox"/>	<input type="checkbox"/>
Wire tensioning system, complete with 4x 300 m nylon rope	<input type="checkbox"/>	<input type="checkbox"/>
Radius kit, fibreglass rod as guide wire replacement on corners with different radii	<input type="checkbox"/>	<input type="checkbox"/>
Daily rate for startup	<input type="checkbox"/>	<input type="checkbox"/>
Export packing	<input type="checkbox"/>	<input type="checkbox"/>

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