

THREE PAVERS THREE WORLD-CLASS MACHINES

SP 61 i - The Versatile Offset Paver

This versatile slipform paver is suitable for paving a wide variety of monolithic profiles with heights of up to 9 ft 10 in (3.0 m).

WIRTGEN's offset molds are tailor-made to customer specifications and are available in a wide range of profile shapes.

Concrete surfaces with a paving width of up to 13 ft 1 in (4.0 m) can be paved without any problems using the offset method.

Special slipforms enable the production of concrete safety barriers with variable paving heights - for example from 3 ft 3 in to 9 ft 10 in (1.0 m to 3.0 m).

The fully modular machine concept, easy reconfiguration, and add-on options provide enormous flexibility and the ability to adapt to the situation on any construction site.

SP 62 i - The Efficient Inset Paver

This versatile 2-track slipform paver is suitable for a wide range of concrete paving tasks with widths of 12 ft to 24 ft and heights of up to 18 in (450 mm).

The fully modular machine concept, easy reconfiguration, and add-on options provide enormous flexibility and the ability to adapt to the situation on any construction site.

The 2-track machine's intelligent electronic steering and control concept and sensitive dual drive steering enable extremely precise concrete paving.

Easy configuration of the machine enables fast relocation and assures high machine utilization rates.

The particularly low ground pressure simplifies operations, even under challenging operating conditions.

SP 64 i - The Compact Inset Paver

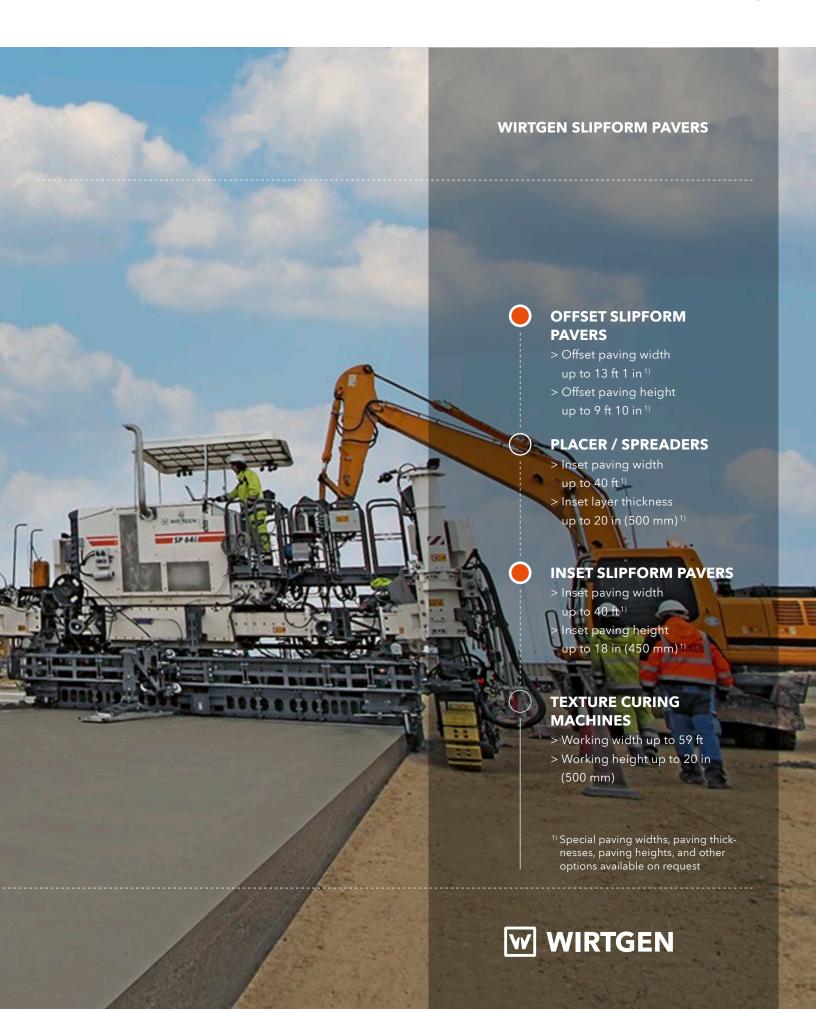
This versatile 4-track slipform paver impresses with an enormous variety of potential paving applications in road and airport construction at paving widths from 12 ft to 24 ft and a height of up to 18 in (450 mm) (cannot be combined with all available options).

The machine concept enables the paving of exceptionally even paved surfaces.

The fully modular machine concept, easy reconfiguration, addon options and hydraulic swing legs provide enormous flexibility and the ability to adapt to the situation on any construction site.

To ensure high-precision concrete paving, the intelligent electronic steering and control system ensures that the four track units can be independently controlled and positioned with pinpoint accuracy.

Precise insertion of tie-bars and dowels with a self-loading dowel bar inserter (optional) makes it possible to pave concrete over pre-placed steel rebar.



OVERVIEW OF HIGHLIGHTS SP 61 i

Perfectly Equipped

MACHINE CONCEPT

01 Fully Modular Machine Design

The machine's fully modular design means its possible to flexibly modify, upgrade with new options, and adapt the machine to the specific job site situation. It can even be converted to the inset configuration of the SP 64 i quickly and easily.

02 Sophisticated Transport Concept



CONCRETE UNIT

03 Highly Flexible Concrete Paving

The slipform paver is unparalleled when it comes to perfectly, precisely paving both small and large monolithic offset profiles - up to 9 ft 10 in (3.0 m) in height or 13 ft 1 in (4.0 m) in width in its standard configuration.

04 Tried-and-Tested Offset Slipforms

A wide variety of field-tested, standard slipform profile shapes are available that can be mounted to both sides of the machine. Customized slipforms designed to meet specific customer requirements can be manufactured on short notice.

Variable Concrete Feeding

The powerful and versatile adjustable concrete feeding system is supplied either via belt conveyor in folding design (standard option) or auger conveyors in various lengths (optional equipment).

06 Alternative Consolidation Technology

Depending on site requirements, the machine can be equipped with a hydraulic or electric vibrator drive.

07 Ideal Surface Preparation

The use of a flexibly adjustable trimmer guarantees a level sub-base for paving that produces a uniform profile.

ENGINE TECHNOLOGY AND OPERATION

08 Cost-Effective Engine Management

The "ECO Mode" setting automatically adjusts engine power to the current performance requirements to ensure fuel-efficient diesel consumption and low noise emissions.

99 State-of-the-Art Engine Technology

The SP 61i features cutting-edge, high-performance engine technology (180 kW / 241 HP / 245 PS) that meets EU Stage 5 / US EPA Tier 4f emissions standards.

10 Perfect Ergonomics and Handling

The ergonomically designed operator's platform, the standardized, intuitive operating concept for all SP series' models, and exceptional visibility makes the job easier for the operator.

CONTROL AND STEERING

11 High-Precision Steering and Drive Systems

Intelligent steering and control systems for extremely smooth operation - even around tight curves - make high-precision concrete paving possible.

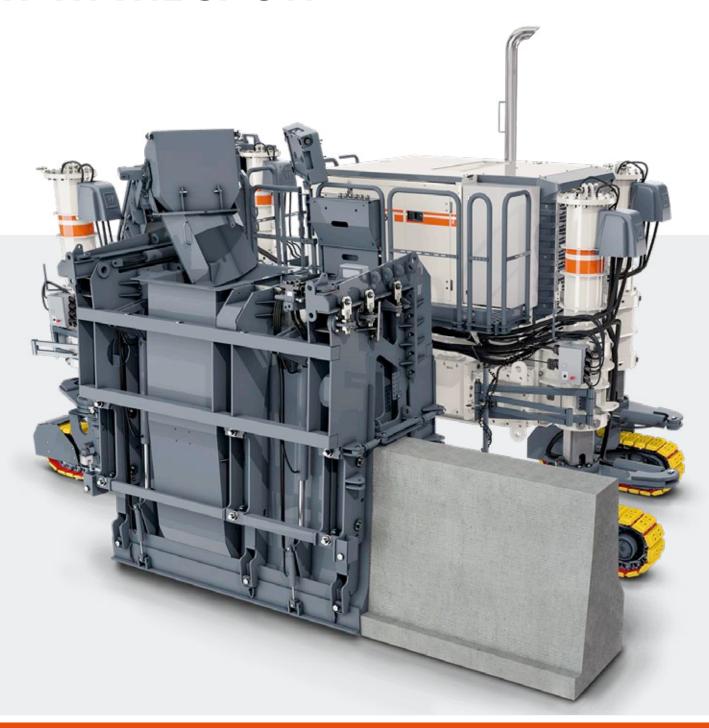
Machine Control Systems Featuring Advanced Intelligence

WIRTGEN's efficient WITOS FleetView telematics system supports fleet management, position and status monitoring, as well as maintenance and diagnostic processes.

13 Field-Proven 3D Interface

The field-proven interface guarantees tested compatibility with leading suppliers' 3D control systems.

WIDE RANGE OF OFFSET APPLICATIONS WITH THE SP 61i



Specialist for Large Profiles

In it standard configuration, the SP 61i is ideal for paving particularly large monolithic offset profiles of up to 9 ft 10 in (3.0 m) in height and offset road surfaces of up to 13 ft 1 in (4.0 m) working width.

A Wide Range of Efficient Applications

Its repertoire includes concrete safety barriers, curbs, curb / gutter profiles, channels, gutters, narrow roads, service roads, bike paths, and special profiles.

Customer-Specific Special Offset Profiles

Offset molds are available in a wide range of profile shapes, including special designs to meet specific customer requirements. A wide variety of different types of reinforcement (unreinforced, with steel cables, fully reinforced) can also be integrated according to customer specifications.

Variable Machine Concept

Variable positioning of the slipform, 3 or 4 crawler units, and a concrete feeding system allow the paver to be perfectly adapted to the specific job site situation.

Offset Profiles Can Be Positioned on Both Sides

Offset molds can be mounted either on the left or right side of the paver.

Fully Variable Paving of Large Profiles

Special slipforms with two adjusters on each side make it possible to produce concrete safety barriers with variable paving heights - from 3 ft 3 in (1.0 m) to 9 ft 10 in (3.0 m), for instance - and with a wide variety of profile shapes.

Conversion to Inset Paver

The machine's modular design allows it to be converted into a 4-track paver in inset configuration.

Trimmer for Uniform Concrete Placing

A trimmer (optional) is ideal for preparing insufficiently flat surfaces.



Freestanding U-channel profile: width 5 ft 11 in (1.8 m) / height 4 ft 11 in (1.5 m)



Embedded water gutter profile: width 6 ft 7 in (2.0 m) / height 3 ft 11 in (1.2 m)



Special profile: width 6 ft 7 in (2.0 m) / height 3 ft 11 in (1.2 m)

OVERVIEW OF HIGHLIGHTS SP 62 i

Perfectly Equipped

MACHINE CONCEPT

01 Fully Modular Machine Design

The machine's fully modular design means its possible to flexibly modify, upgrade with new options, and adapt the machine to the specific job site situation.

02 Sophisticated Transport Concept

The SP 62i's compact dimensions and dual-track concept make it easy to transport, bring into operation quickly, and get ready for operation. The super smoother and oscillating beam can remain mounted to the machine during transport.



CONCRETE UNIT

03 Highly Flexible Concrete Paving

The standard version of the slipform paver is capable of paving perfect and precise concrete surfaces from 12 ft to 24 ft wide and up to 18 in (450 mm) thick.

04 Tried-And-Tested Paving Mold

Compatible with the 1300 wi series of imperial inset paving molds. The 1300 wi series comes standard with a wear sole and can be equipped with an optional crown profile.

05 Reinforcement Insertion Built into the Machine

A tie bar inserter in front of the paving mold and side tie bar inserter(s) are available on request.

06 Alternative Consolidation Technology

Depending on site requirements, the machine can be equipped with a hydraulic or electric vibrator drive. The machines comes standard with 12 hydraulic connections (optional: 18) and optionally with 18 or 24 electrical connections.

ENGINE TECHNOLOGY AND OPERATING

07 Efficient Engine Management

The "ECO Mode" option automatically adjusts engine output to momentary performance requirements to maximize fuel-efficiency and minimize noise emissions.

08 State-Of-The-Art Engine Technology

The high-tech engine of the SP 62 develops a high maximum rated output of 155 kW / 208 HP / 211 PS and is fully compliant with the EU Stage 3a / US EPA Tier 3 exhaust emission standards. The SP 62i features cutting-edge engine technology with a high maximum rated output (180 kW / 241 HP / 245 PS) that fulfills EU Stage 5 / US EPA Tier 4f exhaust emission standards.

9 Perfect Ergonomics and Handling

The ergonomically designed operator's platform, the standardized, intuitive operating concept for all SP series models, and outstanding all-round vision reduce the operator's workload.



CONTROL AND STEERING

10 High-Precision Steering And Drive Systems

Intelligent control systems for extremely smooth operation and the sensitive track steering guarantee high-precision concrete paving.

11 Machine Control Systems with Enhanced Intelligence

WIRTGEN's efficient WITOS FleetView telematics system supports fleet management, machine positioning and status monitoring, and maintenance and diagnostics processes.

12 Field-Proven 3D Interface

The field-proven interface assures verified compatibility with 3D control systems offered by leading suppliers.

OVERVIEW OF HIGHLIGHTS SP 64i

Perfectly Equipped

MACHINE CONCEPT

01 Rugged Machine Design

The machine's rugged design guarantees consistent, high-output concrete paving and precise paving results, even under difficult site conditions.

02 Fully Modular Machine Design

The machine's fully modular design means its possible to flexibly modify, upgrade with new options, and adapt the machine to the specific job site situation. It can even be converted to the offset configuration of the SP 61i.

03 Sophisticated Transport Concept

Compact dimensions and minimal time and effort needed to prepare the machine make loading easy and transport cost-effective. Depending on the configuration, the dowel bar inserter or oscillating beam, super smoother, and concrete spreader can remain mounted to the machine during transport.



CONCRETE UNIT

04 Highly Flexible Concrete Paving

The standard version of the slipform paver is capable of paving perfect and precise concrete surfaces from 6 ft 6 in to 24 ft wide and up to 18 in (450 mm) thick. When configured with a dowel bar inserter (DBI) and electric vibrator drive, the machine is capable of paving at widths of up to 20 ft standard.

05 Tried-And-Tested Paving Mold

Compatible with the 1300 wi series of imperial inset paving molds. The 1300 wi series comes standard with a wear sole and can be equipped with an optional crown profile.

06 Reinforcement Insertion Built into the Machine

A self-loading dowel bar inserter, a tie bar inserter, and side tie bar inserter(s) are available on request.

O7 Alternative Consolidation Technology

Depending on site requirements, the machine can be equipped with a hydraulic or electric vibrator drive. The machines comes standard with 12 hydraulic connections (optional: 18) and optionally with 18 or 24 electrical connections.

ENGINE TECHNOLOGY AND OPERATION

Cost-Effective Engine Management

The "ECO Mode" setting automatically adjusts engine power to the current performance requirements to ensure fuel-efficient diesel consumption and low noise emissions.

09 State-of-the-Art Engine Technology

The SP 64i features cutting-edge, high-performance engine technology (180 kW / 241 HP / 245 PS) that meets EU Stage 5 / US EPA Tier 4f emissions standards.

Perfect Ergonomics and Handling

The ergonomically designed operator's platform, the standardized, intuitive operating concept for all SP series' models, and exceptional visibility makes the job easier for the operator.



11 High-Precision Steering and Drive Systems

Intelligent steering and control systems for extremely smooth operation - even around tight curves - make high-precision concrete paving possible.

12 Productivity-Enhancing Steering

Numerous optional and standard steering features, like hydraulic swivel arms and the innovative worm gear steering, significantly increase site productivity.

13 Machine Control Systems Featuring Advanced Intelligence

WIRTGEN's efficient WITOS FleetView telematics system supports fleet management, position and status monitoring, as well as maintenance and diagnostic processes.

14 Field-Proven 3D Interface

The field-proven interface guarantees tested compatibility with leading suppliers' 3D control systems.



MACHINE CONCEPT

SP 62i / SP 64i

High-Precision Concrete Paving

Extremely rugged machine construction

Fully Modular

Wide range of applications



01 Easy Upgrading

Standard interfaces allow the machine to be upgrading with individual options at any time.

02 Telescoping Machine Frame

The hydraulically telescoping machine frame makes converting the slipform paver easier.

103 Fully Modular Machine Design

The machine's fully modular design helps solve a wide variety of inset paving challenges.



SP 62i with two crawler units.



04 Simple Conversion

Easily convert and expand the machine with additional components to solve complex, customer-specific applications.

OS Slewing Crawler Units (Only on the SP 64i)

Crawler units with a wide slewing angle guarantee maximum flexibility on the job site.

Rugged Design

The extremely rugged design of the machine frame, track units, and swivel arms makes high-precision paving results at maximum daily production rates possible.

Ideal Machine Weight

The weight of the machine has been intelligently selected to achieve a well-balanced combination of stable paving characteristics and outstanding transportability.

Rapid Conversion During Transport

SP 62i: The minimal effort required for machine conversions during transport shortens startup times and optimizes operational availability. SP 64i: The four movable swivel arms (optional: hydraulic) make it possible to quickly switch from transport mode to working mode and offer a great deal of flexibility when setting up the machine on the job site.

Compact Design

Maneuverability and compact machine dimensions make maneuvering and shunting as easy as possible.

Customizable Machine Technology

The ability to reliably adapt the machine technology to the respective job site situation increases both its range of applications and productivity.

Two or Four Crawler Units

The slipform paver is available in both a two-track or four-track version. The four-track paver can also be converted from offset to inset configuration.

CONCRETE EQUIPMENT

SP 62i / SP 64i

Hydraulic Vibrators

The machine comes standard with 12 hydraulic connections to power the hydraulic vibrators (optionally available: 18).

Electric Vibrators

The machine can be equipped with 18 electrical connections to power the electric vibrators (optionally available: 24).

Separate Side Tie Bar Inserters

Side tie bars are inserted in order to pave adjacent road surfaces and prevent the road surfaces from drifting apart.

Automatic Longitudinal Tie Bar Inserter

Longitudinal tie bars are inserted automatically to prevent the slabs from drifting apart at the longitudinal joints.

Control Unit for Longitudinal Tie Bar Inserter

A separate control unit for each longitudinal tie bar inserter makes adjustments at the job site easy.

O1 Spreader Plow or Auger

A spreader plow or auger ensures that the concrete placed in front of the mold is spread evenly.

02 Imperial Paving Molds

The 1300 wm series' imperial inset paving molds with wear soles guarantee professional concrete paving with stiff concrete consistency. Optionally available with hydraulic ESC "Edge Slump Control" for high-quality paving results.

03 Concrete Surfacing with Crown Profile

A concrete surface can easily be produced with a crown profile of up to 2.5% or even multiple crown profiles (optional).

Oscillating Beam

When paving concrete with a dowel bar inserter, the eccentric-powered, heavy-duty oscillating beam with automatic lifting function when the machine stops removes any irregularities in the concrete surface.

Super Smoother

The oscillating super smoother made of high-quality material ensures perfect surface quality and does not need to be dismantled when transporting the machine.

Of Concrete Surfaces 6 ft 6 in to 24 ft Wide

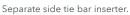
Precise, high-quality paving of road surfaces and areas from 6 ft 6 in to 24 ft wide - up to 20 ft with DBI.

07 Paving Thickness of up to 18 in (450 mm)

Paving up to 18 in (450 mm) thick greater paving thicknesses also possible upon request.

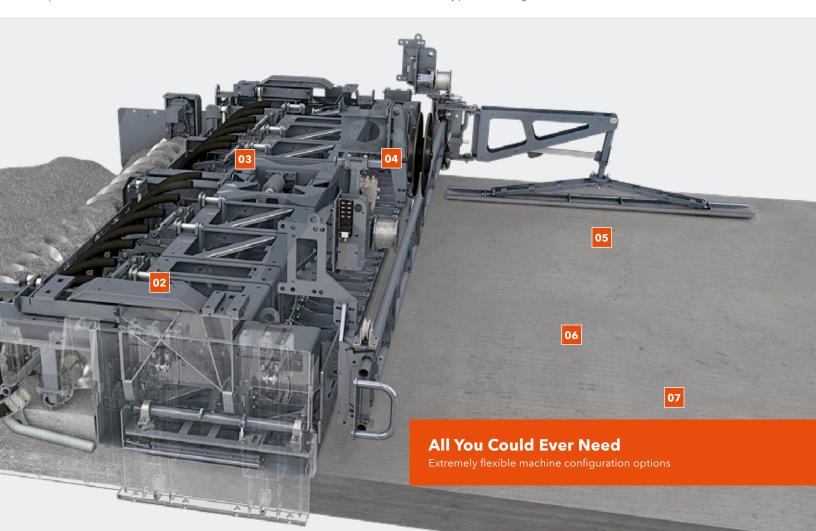








Centrally positioned longitudinal tie bar inserter.



CONCRETE EQUIPMENT

SP 64 i

01 Effective Dowel Bar Inserter

The inserted dowels secure the height of adjacent slabs and transfer shear forces from slab to slab.

O2 Automated Dowel Bar Insertion Process

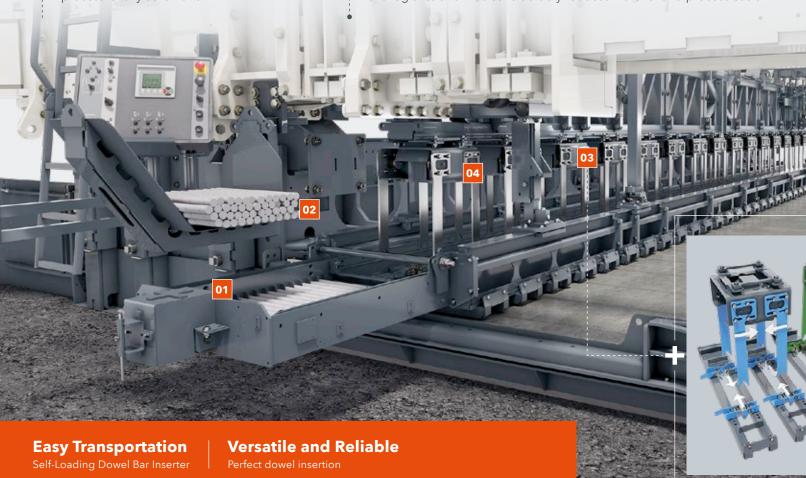
After manually loading the dowel distribution trolley, dowels are distributed automatically at the touch of a button and the dowel insertion process is fully automatic.

Minimum Effort with Varying Dowel-Bar Plan

The dowel bar inserter's modular design makes it easy to modify the dowel-bar plan (number, spacing, length, diameter of dowels) and requires very little effort to reconfigure the machine.

04 Optimized Dowel Bar Insertion Process

The combination of hydraulic cylinders with a built-in position measuring system and proportional valves optimizes the dowel bar insertion process and the accurate positioning of the dowel bars in the already consolidated concrete. Paving concrete with support cages simplifies site logistics and thus considerably reduces material and process costs.



Built-In Position Measuring System for Distance Measurement

Sensors built into the crawler units accurately determine the distance traveled and special software determines the distance between the next row of dowels or the next tie bar in the concrete.

Optimally Integrated Control

The dowel bar inserter's control system is fully integrated into the slipform paver's flexibly expandable CAN bus system.

Separate Control Panel for Inserters

The control panel with innovative software and a standardized operating concept for all SP series is fully integrated into the machine control system. It can be moved to any position and makes it easy to enter the dowel-bar plan and the dowel bar and tie bar inserters' insertion parameters.

Self-Loading Dowel Bar Inserter

The innovative self-loading technology makes it easy to transport the machine and quickly set it up on site without the need for expensive loading cranes. The heavy-duty hydraulic cylinders remain mounted on the dowel bar inserter both during transport and when in operation.





Self-loading dowel bar inserter.

ENGINE TECHNOLOGY AND OPERATING

SP 62i/SP 64i



01 Ergonomics

The ergonomically designed operator's platform increases the operator's performance and thus the productivity of the entire machine.

02 State-of-the-Art Control Panel

With its state-of-the-art screen and clear, language-neutral symbols, the control panel promotes productive on-site operations.

03 Standardized Operating Concept

The standardized, self-explanatory operating concept used on all the different SP series' models offers additional synergy effects.

O4 Performance-Optimized and Operator-Friendly ECO Mode Engine Management

Automatically adapting engine output according to performance requirements guarantees optimum engine efficiency, economical diesel consumption, and low noise emissions. The ECO mode detects every working situation without any operator intervention.



Ergonomically optimized, clearly organized control panel.

Engine Technology for EU Stage 5 / US EPA Tier 4f

The SP 62i / SP 64i's powerful diesel engine meets the stringent requirements of the EU Stage 5 / US EPA Tier 4f emissions standards.

Powerful Engine

The powerful engine guarantees effective concrete paving in the optimum power and torque range at all times.

Perfect Visibility

The spacious operator's platform with additional folding platform provides a perfect view of the paving process.

Optional Collapsible Weather Canopy

The collapsible weather canopy makes it possible to work regardless of the weather.

Fast Maintenance

Easy access to the maintenance and inspection points minimizes maintenance requirements.

CONTROL AND STEERING

SP 62i / SP 64i

Service Diagnostics System

WIDIAG, the service diagnosis system with a standardized interface, allows technicians to quickly troubleshoot errors directly on site.

Extensible CAN-BUS System

The installed CAN bus system is extensible to easily add new options later on.

Efficient WITOS Telematics System

WIRTGEN's WITOS FleetView telematics system supports fleet management, position and status monitoring, as well as maintenance and diagnostic processes.

One-Of-A-Kind Slope Control

The innovative electronic slope control system developed by

WIRTGEN results in significantly shorter machine response times and thus perfect paving results with just one stringline for pavement widths up to 4.0 m.

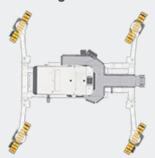
Standardized, Optional Interface for 3D Controls

The built-in standard interface perfectly meets the requirements for concrete paving using state-of-the-art 3D systems. Thorough acceptance procedures to ensure compatibility with 3D control systems from leading suppliers guarantee a high degree of operational reliability.

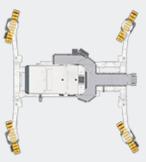
Four Steering Modes (SP 64i)

Four different steering modes make turning and maneuvering easy, making operations on the job site much easier.

The Steering Modes of the SP 64i



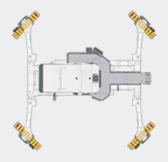
Lateral repositioning



Coordinated steering

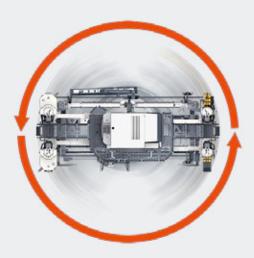


Rear-only / front-only steering



Rotation

Rotating around Its Own Axis



The SP 62i's two crawler units can be operated in opposite directions at the push of a button, causing the slipform paver to rotate around its own axis for optimum maneuverability.

Outstanding Operational Reliability

Software developed in-house

Precise Paving around Corners

Automatic speed adjustment for all four track units

01 High-Precision Drive Control

The high-precision control of the advance motors guarantees jerk-free travel, even at minimum speed.

02 High-Quality Machine Control System

The high-quality machine control system using proprietary software increases both operating safety and the slipform paver's range of applications.

03 Speed Adjustment

The computer-assisted speed adjustment of each individual track unit enables specifications to be adhered to with pinpoint precision, even when paving around curves.

Steering Angle Sensor Adjustment /Field-Proven Track Steering

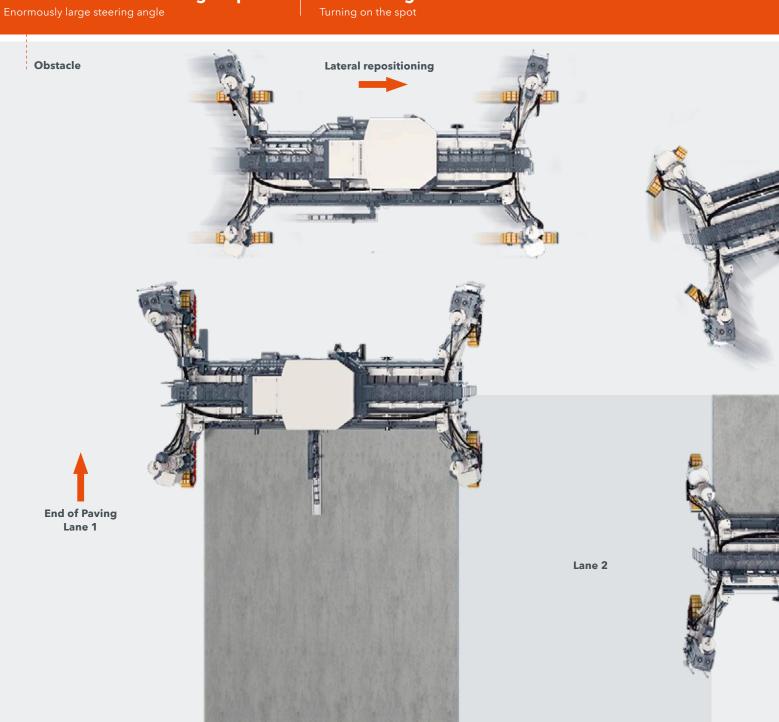
On the SP 64i, the fully automatic adjustment of the steering angle of all of the crawler units optimizes the machine's driving performance, making high-precision concrete paving possible. Alternatively, the SP 62i's sensitive track steering system guarantees precise handling and top concrete quality when paving around curves.

CONTROL AND STEERING

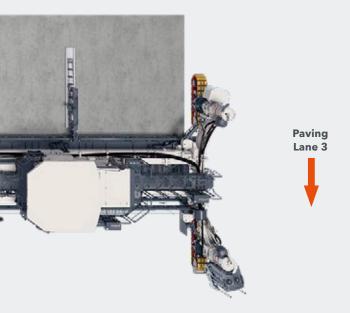
SP 64i

The Ace-in-the Hole in Tight Spaces

Fast Turning







Innovative Worm Gear Steering

The crawler units' steering angles of up to 100° to the left and 160° to the right increase flexibility, such as the ability to easily approach obstacles, particularly on tight job sites.

Crab mode with track units at a steering angle of 90° to the side

Transmission steering allows the machine move sideways with the crawler units rotated by 90°. At the same time, this reduces time-consuming manual paving at the end of the lane, which is often necessary on cramped sites, to a minimum.

Rotating around Its Own Axis

Rotating the machine around its own axis by means of widely slewable crawler units eliminates the need for time-consuming turning maneuvers in confined construction site conditions.

Paving Plus Package

The additional sensors that can be integrated into the swivel arms optimize machine control.

CONTROL AND STEERING

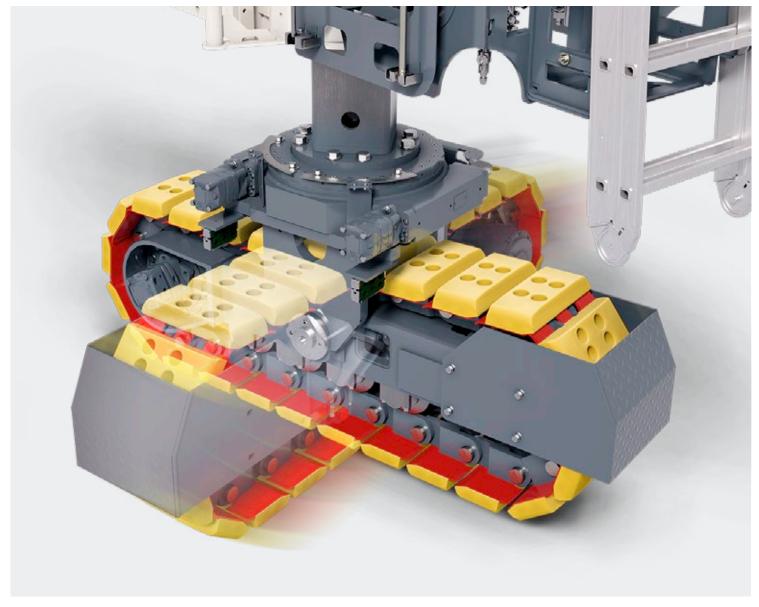
SP 64 i

Hydraulically Adjustable Swivel Arms for Easy Transport

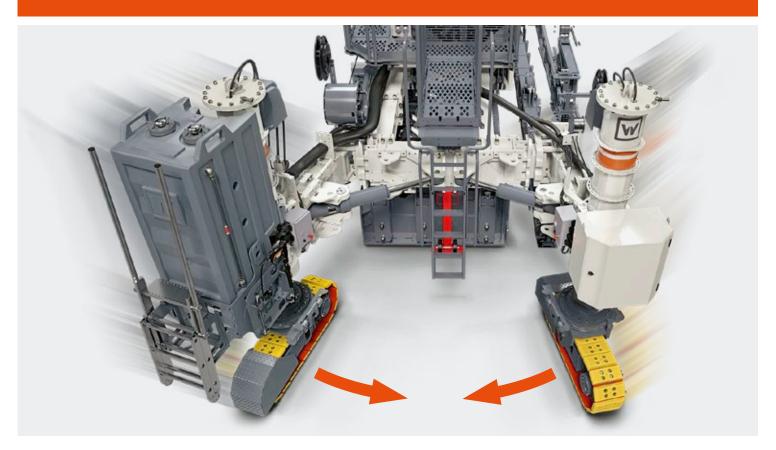
The ability to quickly switch all four swivel arms from the transport to the operating position and vice versa within just a few minutes greatly simplifies machine transport.

Hydraulically Adjustable Swivel Arms for Increased Ergonomics

The ability to hydraulically adjust the swivel arms increases ergonomics and user-friendliness.



Optimized Machine Transportation Hydraulically adjustable swivel arms





Hydraulic swivel arms for easy transport and a high degree of flexibility on the job site.





SP 61 i - The Multipurpose Offset Paver

This versatile slipform paver is suitable for paving a wide variety of monolithic profiles with heights of up to 9 ft 10 in (3.0 m).

SP 62 i - The Cost-Efficient Inset Paver

This versatile 2-track slipform paver is suitable for a wide range of concrete paving tasks with widths of 12 ft to 24 ft and heights of up to 18 in (450 mm).

SP 64i - The Compact Inset Paver

This versatile 4-track slipform paver impresses with an enormous variety of potential paving applications in road and airport construction at paving widths from 12 ft to 24 ft and a height of up to 18 in (450 mm) (cannot be combined with all available options).



Applications	Offset	
Concrete Feeding		
Belt conveyor	Length: 19 ft 4 in (5,900 mm), belt width: 2 ft (600 mm)	
Folding belt conveyor (optional)	Length: 19 ft 8 in (6,000 mm), belt width: 2 ft (600 mm)	
Auger conveyor, short (optional)	Length: 15 ft 1 in (4,600 mm), auger diameter: 16 in (400 mm)	
Auger conveyor, long (optional)	Length: 18 ft 8 in (5,700 mm), auger diameter: 16 in (400 mm)	
Discharge chute	Steel or rubber	
Concrete Mold		
Position	Left / right	
Max. mold height	9 ft 10 in (3,000 mm) ¹⁾	
Max. mold width	13 ft 1 in (4,000 mm) ¹⁾	
Vibrators and Circuits		
Hydraulic vibration	6 connectors (optional: 12 connectors)	
Electric vibration	18 connectors	
Hydraulically powered vibrators	Straight (D66)	
Electrically powered vibrators	Straight (D76)	
Trimmer (Optional)		
Standard width	2 ft (600 mm)	
Max. width	5 ft 3 in (1,600 mm) ²⁾	
Working depth	0 to 5.9 in (0 to 150 mm)	
Cutting diameter	20 in (500 mm)	
Hydraulic height adjustment	16 in (400 mm)	
Mechanical height adjustment	12 in (300 mm)	
Trimmer laterally adjustable	4 ft 3 in (1,300 mm)	
Engine		
Engine manufacturer	Deutz	
Туре	TCD6.1 L6	
Cooling	Water	
Number of cylinders	6	
Nominal power rating at 2,100 rpm	180 kW / 241 HP / 245 PS	
Displacement	370 in ³ (6,057 cm ³)	
Fuel consumption under full load on-site mix 3)	12.2 gal/h 3.6 gal/h (46 l/h 13.8 l/h)	
Engine sound power level according to EN 500-6 on operator's platform	≤ 102 dB(A) ≥ 80 dB(A)	
Exhaust emission standard	US EPA Tier 4f	

TECHNICAL SPECIFICATIONS SP 61 i	
Electrical system	
Power supply	24 V DC
Electric vibration	110 V AC 3~/200 Hz
Tank Capacities	
Fuel tank	106 gal (400 l)
AdBlue® / DEF ⁴⁾	8.5 gal (32 l)
Hydraulic oil, electrical vibration	53 gal (200 l)
Hydraulic oil, hydraulic vibration	106 gal (400 l)
Water	145 gal + 145 gal (550 l + 550 l)
Handling Characteristics	
Advance speed during paving	0 to 20 ft/min (0 to 6 m/h)
Travel speed in driving gear	0 to 69 ft/min (0 to 21 m/h)
Track Units	
Number	3 or 4
Type B0: Dimensions (L x W x H)	5 ft 3 in x 12 in x 23 in (1,590 x 300 x 570 mm)
Height Adjustment	
Hydraulic	3 ft 3 in (1,100 mm)
Mechanical (hole pattern)	17 in (420 mm)
Machine Weights	
Operating weight, CE ⁵⁾	35,274 to 60,627 lbs (16,000 to 27,500 kg)
Trimmer, working width 600 mm	2,866 lbs (1,300 kg)
Belt conveyor	3,417 lbs (1,550 kg)
Folding belt conveyor	3,968 lbs (1,800 kg)
Auger conveyor	5,842 lbs (2,650 kg)

¹⁾ Other offset geometries and special applications on request

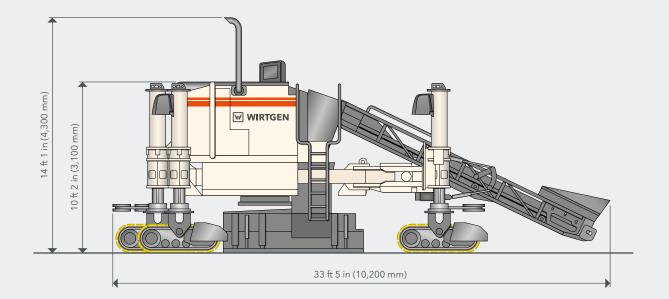
²⁾ Custom widths available on request

³⁾ The reference value is based on statistically weighted values from experience gathered by WIRTGEN GmbH in the course of projects on construction sites around the world. The underlying fuel consumption figures originate from the engine manufacturers' engine control units. The actual, individual fuel consumption on a construction site depends on numerous different factors, for example, but not exclusively, machine usage (operator input, engine loading, etc.), the machine configuration (mold type, machine set-up width, dowel bar inserter, etc.), and the conditions on the construction site (paved material quantity, material properties, logistics, etc.).

⁴⁾ AdBlue® is a registered trademark of the German Association of the Automotive Industry (Verband der Automobilindustrie e. V.; VDA)

⁵⁾ Machine weight, half weight of all consumables, machine operator (165 lbs (75 kg)), tools, no optional equipment; weights depend on the actual equipment installed and the working width

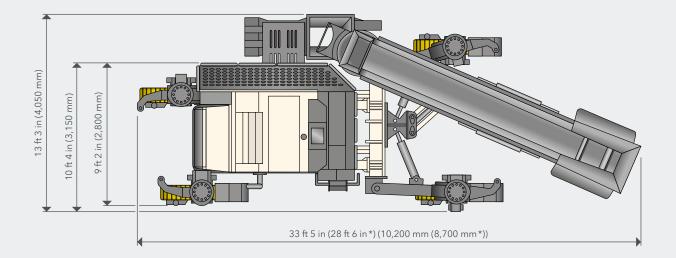
SIDE VIEW SP 61 i

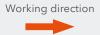


Working direction



TOP VIEW SP 61 i





* Optional folding belt conveyor

STANDARD EQUIPMENT SP 61 i Basic Machine > Basic machine consisting of engine station and mechanically telescoping front and rear frame sections, including pre-fitting for three or four track units > Fuel tank 106 gals (400 liters) > Electrical system (24 V) > Cooling system with temperature-controlled fan speed > Hydraulic system including an adequately sized hydraulic oil tank and a pump transfer gearbox with 2 output shafts and the pumps required for the machine's basic equipment package **Main Frame and Height Adjustment** > Heavy-duty steel frame telescoping in increments by 2 ft 6 in (750 mm) each on both sides, front and rear > The machine frame is pre-fitted with multiple mounting points for the modular addition of a variety of equipment features > Offset paving molds can be connected to the frame on the left or right side of the machine > Frame elements for mechanical telescoping in increments by 2 ft 6 in (750 mm) **Crawler Units and Chassis Linkage** > Paving speed with B0 track units: 0 to 20 ft/min (0 to 6 m/min) > Transport speed with B0 track units: 0 to 69 ft/min (0 to 21 m/min) > Model with four B1 track units (4 rollers), fitted with triple-grouser steel track pads > Model with two manually pivoting track unit connections, front **Machine Control, Leveling and Steering** > WI-CONTROL - high-quality control system ensuring perfect interaction between all machine features > Error messages are displayed on the machine's control screen > The existing CAN-bus system can be expanded to customer specifications > ECO mode: performance-optimized engine management system for reduced diesel consumption and low noise emissions > Proportional electrohydraulic leveling and steering by means of a PLC system including two leveling sensors and two steering sensors > Sensor mounting brackets, adjustable in height and range > Three hydraulic leveling cylinders with a stroke of 3 ft 7 in (1.10 m) > Cylinder steering for design with 4 crawler units **Vibration** > Hydraulic vibrator drive for max. 6 vibrators > Two straight vibrators D66, hydraulically driven **Concrete Equipment for Offset Paving** > Offset paving mold up to 2 ft (0.60 m) wide, max. height of 16 in (0.40 m) > Rigid mount for offset paving mold

STANDARD EQUIPMENT SP 61 i	
Operator's Platform	
> Ergonomically designed operator's platform providing a perfect view of the paving process	
> Two control panels with clear, language-independent labelling for ergonomic operation	
> Control panel 1 for machine setup according to site requirements	
> Control panel 2 with multifunctional control screen providing the operator with all relevant machine parameters and allowing settings to be made via a menu; the control panel can be adjusted to all directions of travel and paving configurations	
> One control panel can be stored in the engine compartment; the second control panel can be protected against vandalism and weather by means of a lockable cover	-
> Automatic recognition of each machine configuration provides easy orientation for the machine operator	
Concrete Feeding System	
> Belt conveyor 19 ft 8 in (6.00 m) x 2 ft (0.60 m), in folding design, with reversible hydraulic drive, hydraulically adjustable	
> Steel chute	
Miscellaneous	
> Paving Plus package: pivot angle display, speed indicator and fully digital Ackermann steering	
> Large tool kit in lockable tool box	
> Comprehensive safety package with EMERGENCY STOP switches	
> Pre-fitting for installing the WITOS FleetView control unit	
> Filling of the machine's hydraulic system with mineral hydraulic oil	
> Standard painting in RAL 9001 (cream)	
> WITOS - professional telematics solution for machine operation and service optimization	
> Lighting system including 4 halogen working lights, 24 V	

= Standard	l equipment
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OPTIONAL EQUIPMENT SP 61 i	
Main Frame and Height Adjustment	
> Frame elements for continuous hydraulic telescoping by 5 ft 9 in on both sides, resulting in a total telescoping capability of 11 ft 6 in	
Crawler Units and Chassis Linkage	
> Model with four B1 track units (4 rollers), fitted with polyurethane track pads	
> Model with two hydraulically pivoting track unit connections, front	
Machine Control, Leveling and Steering	
> Cross-slope sensor	
> Two slab tracers	
> Four slab tracers	
> Control unit for manual track unit steering	
> Pre-fitting for 3D leveling	
> Gateway for external 3D-System	
> Additional slope sensors for 3D leveling	
Vibration	
> Hydraulic vibrator drive for max. 12 vibrators	
> Electric vibrator drive with 40-kVA generator for max. 18 vibrators	
> Two straight vibrators D66, electrically driven	
> Straight vibrator D66, hydraulically driven	
> Straight vibrator D66, electrically driven	
> Curved vibrator D66, hydraulically driven	
> Curved vibrator D76, electrically driven	
Concrete Feeding System	
> Auger conveyor 15 ft 1 in (4.60 m) x 16 in (0.40 m) with reversible hydraulic drive, hydraulically adjustable	
> Auger conveyor 18 ft 8 in (5.70 m) x 16 in (0.40 m) with reversible hydraulic drive, hydraulically adjustable	
> Steel-rubber chute is used to guide the concrete to the offset mold	
Concrete Equipment for Offset Paving	
> Offset paving mold from 2 ft (0.60 m) to 3 ft 11 in (1.20 m) wide (max. height of 16 in (0.40 m))	
> Offset paving mold from 3 ft 11 in (1.20 m) to 5 ft 11 in (1.80 m) wide (max. height of 16 in (0.40 m))	
> Offset paving mold up to 2 ft 11 in (0.90 m) high, max. base width of 2 ft (0.60 m), including hopper	
> Offset paving mold up to 4 ft 3 in (1.30 m) high, max. base width of 2 ft (0.60 m), including hopper	
> Split offset paving mold up to 2 ft (0.60 m) wide, max. height of 16 in (0.40 m)	
> Split offset paving mold from 2 ft (0.60 m) to 3 ft 11 in (1.20 m) wide, max. height of 16 in (0.40 m)	
> Offset paving mold up to 2 ft (0.60 m) wide, max. height of 16 in (0.40 m)	
> Bottom part for split offset paving mold (AV) up to 2 ft (0.60 m) wide (max. height of 16 in (0.40 m))	
> Bottom part for split offset paving mold (AV) from 2 ft (0.60 m) to 3 ft 11 in (1.20 m) wide (max. height of 16 in (0.40 m))	
> Set of hydraulic components for adjusting the sideplate of an EV offset paving mold	
> Set of hydraulic components for adjusting the side plate of an AV offset mold	

OPTIONAL EQUIPMENT SP 61 i	
Offset Trimmer	
> Trimmer, basic width, 2 ft (0.60 m), for mounting on the left side	
> Trimmer - extension 8 in (0.20 m) wide, for mounting on the left side	
> Trimmer - extension 16 in (0.40 m) wide, for mounting on the left side	
> Trimmer, basic width, 2 ft (0.60 m) for mounting on the right side	
> Trimmer - extension 8 in (0.20 m) wide, for mounting on the right side	
> Trimmer - extension 16 in (0.40 m) wide, for mounting on the right side	
Operator's Platform	
> Weather canopy for operator's platform with manual fold-down feature	
Miscellaneous	
> Painting in one special color (RAL)	
> Painting in two special colors (RAL)	
> Model without WITOS	
> High-performance lighting system including 8 LED working lights, 24 V	
> Hydraulic high-pressure water cleaning system with 145 gal (550 l) plastic tank	
> Additional plastic water tank, 145 gal (550 l)	
> Additional electrical water pump, 24 V, with 32 ft 10 in (10,00 m) hose and spray gun with handle	
> Self-leveling feature for transport mode	
> Rotating beacon, halogen 24 V, with magnetic base	
> Two flashing beacons, 24 V, with magnetic base	
> Automatic crown adjustment	
> Additional control console for track unit adjustment	
> Loading ramp for machines with 2 crawler units	
> Radio remote control used to adjust the height of the strike-off wall	
> Camera system consisting of 1 camera and 1 screen, expandable to up to 6 cameras	
> Additional camera as an extension to an existing camera system	
> Two LED floodlights including power generator (230 V)	
> Two LED floodlights including power generator (110 V)	
> High-performance lighting system including 4 LED working lights, 24 V, for illuminating the compaction compartment	
> Two LED floodlights 24 V	
> 230 volt power generator, hydraulically driven, rated power of 4 kW	
> 110 volt power generator, hydraulically driven, rated power of 4 kW	
> Stringline tensioning system, complete with 3,280 ft (1,000 m) steel wire rope	
> Additional tensioning winch for stringline tensioning system	
> Stringline tensioning system, complete with 4 x 984 ft (4 x 300 m) nylon rope	
> Radius kit, fibreglass rod as stringline replacement for paving in corners with different radii	
> Machine commissioning (day rate)	
> Export packaging	
■ = Standard equipment □ = Standard equipment, can be replaced with optional equipment if desired □ = Optional equipment	

TECHNICAL SPECIFICATIONS SP 62 i		
Applications		
Slab paving application	Paving width: 12 ft to 24 ft ¹⁾ Layer thickness: up to 18 in (450 mm) ¹⁾	
Concrete Spreading		
Spreader auger	Modular extension to up to 24 ft	
Spreader plow	Modular extension to up to 24 ft	
Slab Paving Equipment		
Slab paving mold type 1300 wi (including wearing pan, excluding crown function)	Modular extension to up to 24 ft	
Slab paving mold type 1300 wi (including wearing pan, including or excluding crown function)	Modular extension to up to 24 ft	
Oscillating beam	Modular extension to up to 24 ft	
Super smoother	Modular extension to up to 24 ft	
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	
Туре	TCD 6.1 L6	
Cooling	Water	
Number of cylinders	6	
Rated power at 2,300 rpm	180 kW / 241 HP / 245 PS	
Displacement	369.5 in3 (6,057 cm ³)	
Fuel consumption under full load on-site mix ²⁾	12.2 gal/h 3.6 gal/h (46 l/h 13.8 l/h)	
Sound power level in accordance with DIN EN 500-2 engine Operator's platform	≤ 102 dB(A) ≥ 81 dB(A)	
Exhaust emission standard	US EPA Tier 4f	
Electrical system		
Electrical power supply	24 V DC	
Electric vibration	110 V AC 3~ / 200 Hz	

TECHNICAL SPECIFICATIONS SP 62i	
Tank Capacities	
Fuel	106 gal (400 l)
AdBlue® / DEF ³⁾	8.5 gal (32 l)
Hydraulic oil, electric vibration	53 gal (200 l)
Hydraulic oil, hydraulic vibration	106 gal (400 l)
Water	145 gal + 145 gal (550 l + 550 l)
Driving Properties	
Paving speed	0 to 20 ft/min (0 to 6 m/min)
Travel speed in travel gear	0 to 59 ft/min (0 to 18 m/min)
Crawler Units	
Number	2
Type B1: dimensions (L x W x H)	11 ft 1 in x 12 in x 2 ft 2 in (3,390 x 300 x 660 mm)
Height Adjustment	
Hydraulic	3 ft 3 in (1,100 mm)
Mechanical	17 in (420 mm)
Central Crown	
Variable adjustment range	For paving widths of 12 ft to 24 ft: max. 2.5% 4)
Transport Dimensions (L x W x H)	
Paving width 12 ft: Machine including slab paving mold type 1300 wi, including spreader plow and super smoother (excluding +super smoother carriage)	21 ft 2 in x 11 ft 6 in x 10 ft 2 in (6,450 x 3,500 x 3,100 mm)
Paving width 24 ft: Machine including slab paving mold type 1300 wi, including spreader plow and super smoother (excluding super smoother carriage)	33 ft 2 in x 11 ft 6 in x 10 ft 2 in (10,110 x 3,500 x 3,100 mm)
Machine Weights	
Operating weight, CE ⁵⁾	37,479 to 79,366 lbs (17,000 to 36,000 kg)

¹⁾ Non-standard paving widths, paving heights, and other options are available on request

²⁾ The reference value is based on statistically weighted values from experience gathered by WIRTGEN GmbH in the course of projects on construction sites around the world. The underlying fuel consumption figures originate from the engine manufacturers' engine control units. The actual, individual fuel consumption on a construction site depends on numerous different factors, for example, but not exclusively, machine usage (operator input, engine loading, etc.), the machine configuration (mold type, machine set-up width, dowel bar inserter, etc.), and the conditions on the construction site (paved material quantity, material properties, logistics, etc.).

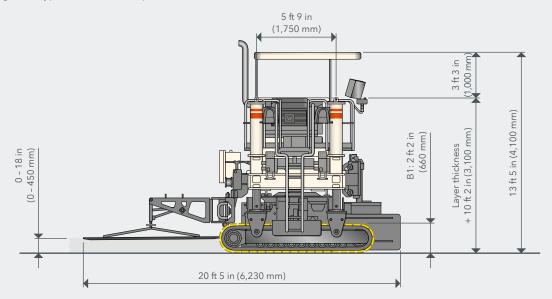
³⁾ AdBlue® is a registered trademark of the German Association of the Automotive Industry (Verband der Automobilindustrie e. V.; VDA)

⁴⁾ Values within the standard transport height; special dimensions on request

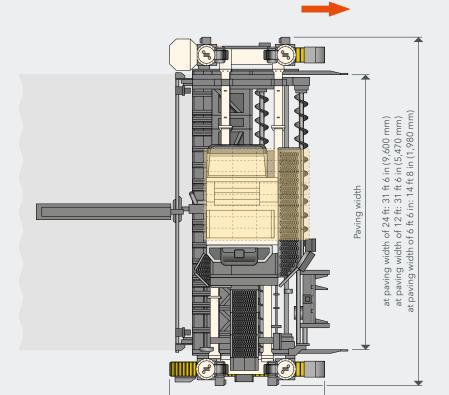
⁵⁾ Machine weight, half weight of all consumables, machine operator (165 lbs (75 kg)), tools, no optional equipment; weights depend on the actual equipment installed and the working width

SIDE VIEW / TOP VIEW SP 62 i

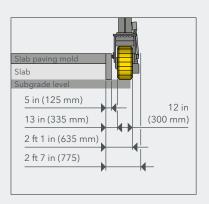
Paving situation: slipform paver SP 62i equipped with spreader auger or spreader plow, slab paving mold type 1300 wi, and super smoother



Working direction

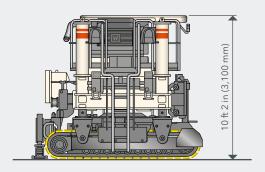


11 ft 1 in (3,390 mm)



SIDE VIEW / TOP VIEW SP 62 i

Transport situation: slipform paver SP 62i equipped with spreader auger or spreader plow, slab paving mold type 1300 wi, and super smoother



Working direction

11 ft 6 in (3,500 mm) excluding super smoother carriage

12 ft 2 in (3,700 mm) including carriage

STANDARD EQUIPMENT SP 62 i	
Basic Machine	
> Basic machine consisting of engine station and machine frame telescoping mechanically to the left and right for accommodating slab paving molds between the track units, including pre-fitting for two track units	
> Fuel tank 106 gal (500 l)	
> Electrical system (24 V)	
> Cooling system with temperature-controlled fan speed	
> Hydraulic system including an adequately sized hydraulic oil tank and a pump transfer gearbox with 2 output shafts and the pumps required for the machine's basic equipment package	
Main Frame and Height Adjustment	
> Heavy-duty steel frame, telescopes in stages by total of 5 ft 4 in on both sides, can be extended by using optional extension pieces	
> The machine frame is pre-fitted with multiple mounting points for the modular addition of a variety of equipment features	
> Concrete equipment between 6 ft 6 in and 13 ft 1 in can be connected to the frame, optionally extendable to 24 ft	
> Frame elements for mechanical telescoping in increments to working widths of up to 14 ft 8 in	
Crawler Units and Chassis Linkage	
> Paving speed of B1 track unit: 0 to 20 fpm (0 to 6 m/min)	
> Transport speed of B1 track unit: 0 to 59 fpm (0 to 18 m/min)	
> Model with two B1 track units (10 rollers), fitted with triple-grouser steel track pads, width 12 in (300 mm)	
Machine Control, Leveling and Steering	
> WI-CONTROL - high-quality control system ensuring perfect interaction between all machine features	
> Error messages are displayed on the machine's control screen	
> The existing CAN-bus system can be expanded to customer specifications	
> ECO mode: performance-optimized engine management system for reduced diesel consumption and low noise emissions	
> Proportional electrohydraulic leveling and steering by means of a PLC system including four leveling sensors and two steering sensors	
> Sensor mounting brackets, adjustable in height and range	
> An electronic slope sensor enables paving with a working with of 13 ft (4.00 m) with a stringline on only one side	
> Four leveling hydraulic cylinders with 3 ft 6 in (1.10 m) stroke	
Vibration	
> Hydraulic vibrator drive for max. 12 vibrators	
> 10 curved vibrators D66, hydraulically driven	
Concrete Equipment for Slab Paving	
> Paving mold series 1310 wi, without crown - basic width 12 ft	
> One-piece sideplates for paving molds series 1300 wi / 1310 wi	
> Flat inserts for the outer edges of the mold series 1310 wi	

STANDARD EQUIPMENT SP 62 i	
Operator's Platform	
> Ergonomically designed operator's platform providing a perfect view of the paving process	
> Three control panels with clear, language-independent labelling for ergonomic operation	
> Control panel 1 for machine setup according to site requirements	
> Control panel 2 with multifunctional control screen providing the operator with all relevant machine parameters and allowing settings to be made via a menu; the control panel can be adjusted to all directions of travel and paving configurations	
> Control panel 3 for controlling the concrete equipment	
> Two control panels can be stored in the engine compartment; the third control panel can be protected against vandalism and weather by means of a lockable cover	
> Automatic recognition of each machine configuration provides easy orientation for the machine operator	
Miscellaneous	
> Paving Plus package: pivot angle display, speed indicator and fully digital Ackermann steering	
> Large tool kit in lockable tool box	
> Comprehensive safety package with EMERGENCY STOP switches	
> Pre-fitting for installing the WITOS FleetView control unit	
> Filling of the machine's hydraulic system with mineral hydraulic oil	
> Standard painting in RAL 9001 (cream)	
> WITOS - professional telematics solution for machine operation and service optimization	
> Lighting system including 4 halogen working lights, 24 V	

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⁼ Standard equipment = Standard equipment, can be replaced with optional equipment if desired = Optional equipment

OPTIONAL EQUIPMENT SP 62 i	
Main Frame and Height Adjustment	
> Frame sections for mechanical telescoping for working widths up to 20 ft 6 in (6.25 m)	
> Frame elements for continuous hydraulic telescoping to working widths of up to 20 ft	
> Frame elements for continuous hydraulic telescoping to working widths of up to 24 ft, including extension elements	
Concrete Spreading Equipment for Slab Paving	
> Spreading auger without crown – basic width 12 ft	
> Split spreader auger with / without crown - basic width 12 ft	
> Spreading plow - basic width 12 ft	
> Spreading auger - extension element 1.00 ft, right-hand pitch	
> Spreading auger - extension element 1.50 ft, right-hand pitch	
> Spreading auger - extension element 2.00 ft, right-hand pitch	
> Spreading auger - extension element 4.00 ft, right-hand pitch	
> Spreading auger - extension element 1.00 ft, left-hand pitch	
> Spreading auger - extension element 1.50 ft, left-hand pitch	
> Spreading auger - extension element 2.00 ft, left-hand pitch	
> Spreading auger - extension element 4.00 ft, left-hand pitch	
> Spreading plow - extension element 1.00 ft	
> Spreading plow - extension element 1.50 ft	
> Spreading plow - extension element 2.00 ft	
> Spreading plow - extension element 4.00 ft	
Crawler Units and Chassis Linkage	
> Model with two B1 track units (10 rollers), fitted with polyurethane track pads, width 12 in (300 mm)	
> Model with two B1 crawler units (10 rollers), with triple grouser steel track pads, width 18 in (450 mm)	
> Model with two B1 track units (10 rollers), fitted with polyurethane track pads, width 18 in (450 mm)	
Machine Control, Leveling and Steering	
> Cross-slope sensor	
> Two slab tracers	
> Four slab tracers	
> Control unit for manual track unit steering	
> Pre-fitting for 3D leveling	
> Gateway for external 3D-System	
> Additional slope sensors for 3D leveling	

OPTIONAL EQUIPMENT SP 62 i	
Vibration	
> Hydraulic vibrator drive for max. 18 vibrators	
> Electric vibrator drive with 40-kVA generator for max. 18 vibrators	
> Electric vibrator drive with 40-kVA generator for max. 24 vibrators	
> 10 curved vibrators D76, electrically driven	
> Version without vibrators	
> Straight vibrator D66, hydraulically driven	
> Straight vibrator D66, electrically driven	
> Curved vibrator D66, hydraulically driven	
> Curved vibrator D76, electrically driven	
Concrete Equipment for Slab Paving	
> Split metering gate for molds with / without crown - basic width 12 ft	
> Metering gate - extension element 1.00 ft	
> Metering gate - extension element 1.50 ft	
> Metering gate - extension element 2.00 ft	
> Metering gate - extension element 4.00 ft	
> Grout box auger without crown - basic width 12 ft	
> Split grout box auger with / without crown - basic width 12 ft	
> Grout box auger - extension element 1.00 ft	
> Grout box auger - extension element 1.50 ft	
> Grout box auger - extension element 2.00 ft	
> Grout box auger - extension element 4.00 ft	
> Tamper bar with / without crown - basic width 12 ft	
> Tamper bar - extension element 1.00 ft	
> Tamper bar - extension element 1.50 ft	
> Tamper bar - extension element 2.00 ft	
> Tamper bar - extension element 4.00 ft	
> Paving molds series 1310 wi, with crown - basic width 12 ft	
> Two-piece side plates for start of shift with paving molds series 1300 wi / 1310 wi	
> Paving mold series 1310 wi - extension element 1.00 ft	
> Paving mold series 1310 wi - extension element 1.50 ft	
> Paving mold series 1310 wi - extension element 2.00 ft	
> Paving mold series 1310 wi - extension element 4.00 ft	

= Sta	ındard	equip	ment
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= Standard equipment, can be replaced with optional equipment if desired
= Optional equipment

OPTIONAL EQUIPMENT SP 62 i	
Concrete Equipment for Slab Paving	
> Super smoother - basic width 12 ft	
> Super smoother - extension element 1.00 ft	
> Super smoother - extension element 1.50 ft	
> Super smoother - extension element 2.00 ft	
> Super smoother - extension element 4.00 ft	
> ESC "Edge Slump Control" inserts for the outer edges of the mold series 1310 wi	
> One side tie bar inserter for straight tie bars, max. $0^{3}/4$ in (20 mm), length 2 ft 7 in (800 mm)	
> Two side tie bar inserter for straight tie bars, max. $0^3/4$ in (20 mm), length 2 ft 7 in (800 mm)	
> Profile insert for series 1300 wi / 1310 wi	
Operator's Platform	
> Weather canopy for operator's platform with manual fold-down feature	
> Extension of walkway allowing the operator to pass from one side of the machine to the other for working widths of up to 19 ft 7 in (6.00 m)	
> Extension of walkway allowing the operator to pass from one side of the machine to the other for working widths of up to 24 ft 6 in (7.50 m)	

OPTIONAL EQUIPMENT SP 62 i	
Miscellaneous	
> Painting in one special color (RAL)	
> Painting in two special colors (RAL)	
> Model without WITOS	
> High-performance lighting system including 8 LED working lights, 24 V	
> Hydraulic high-pressure water cleaning system with 145 gal (550 l) plastic tank (for model with two track units)	
> Additional plastic water tank, 145 gal (550 l)	
> Additional electrical water pump, 24 V, with 32 ft 10 in (10.00 m) hose and spray gun with handle	
> Self-leveling feature for transport mode	
> Rotating beacon, halogen 24 V, with magnetic base	
> Two flashing beacons, 24 V, with magnetic base	
> Automatic crown adjustment	
> Additional control console for track unit adjustment	
> Loading ramp for machines with 2 crawler units	
> Radio remote control used to adjust the height of the strike-off wall	
> Camera system consisting of 1 camera and 1 screen, expandable to up to 6 cameras	
> Additional camera as an extension to an existing camera system	
> Two LED floodlights including power generator (230 V)	
> Two LED floodlights including power generator (110 V)	
> High-performance lighting system including 4 LED working lights, 24 V, for illuminating the compaction compartment	
> Two LED floodlights 24 V	
> 230 volt power generator, hydraulically driven, rated power of 4 kW	
> 110 volt power generator, hydraulically driven, rated power of 4 kW	
> Stringline tensioning system, complete with 3,280 ft (1,000 m) steel wire rope	
> Additional tensioning winch for stringline tensioning system	
> Stringline tensioning system, complete with 4 x 984 ft (4 x 300 m) nylon rope	
> Radius kit, fibreglass rod as stringline replacement for paving in corners with different radii	
> Machine commissioning (day rate)	
> Export packaging	

■ = Standard equipment
 □ = Standard equipment, can be replaced with optional equipment if desired
 □ = Optional equipment

TECHNICAL SPECIFICATIONS SP 64i	
Applications	
Slab paving application without central crown	Paving width: 6 ft 6 in to 24 ft ¹⁾ Layer thickness: up to 18 in (450 mm) ²⁾
Slab paving application with central crown	Paving width: 12 ft to 24 ft ¹⁾ Layer thickness: up to 18 in (450 mm) ²⁾
Concrete Spreading	
Spreading auger	Modular extension to up to 24 ft
Spreading plow	Modular extension to up to 24 ft
Slab Paving Equipment	
Slab paving mold type 1300 wi (including wearing pan, excluding crown function)	Modular extension to up to 24 ft
Slab paving mold type 1300 wi (including wearing pan, including or excluding crown function)	Modular extension to up to 24 ft
Dowel bar inserter (DBI)	Modular extension to up to 20 ft
Oscillating beam	Modular extension to up to 20 ft
Super smoother	Modular extension to up to 24 ft
Longitudinal joint tie bar inserter	1
Side tie bar inserter	Right and / or left
Vibrators and Circuits	
Hydraulic vibration	6 connectors (optional 12 or 18 connectors)
Electric vibration	18 connectors
Hydraulically driven vibrators	Curved (D66)
Electrically driven vibrators	Curved (D76)
Engine	
Engine manufacturer	Deutz
Туре	TCD 6.1 L6
Cooling	Water
Number of cylinders	6
Rated power at 2,100 rpm	180 kW / 241 HP / 245 PS
Displacement	369.5 in³ (6,057 cm³)
Fuel consumption under full load on-site mix 3)	12.2 gal/h 3.6 gal/h (46 l/h 13.8 l/h)
Sound power level in accordance with DIN EN 500-2 engine Operator's platform	≤ 102 dB(A) ≥ 81 dB(A)
Exhaust emission standards	US EPA Tier 4f
Electrical System	
Electrical power supply	24 V DC
Electric vibration	110 V AC 3~/200 Hz

TECHNICAL SPECIFICATIONS SP 64 i	
Tank Capacities	
Fuel	106 gal (400 l)
AdBlue® / DEF ⁴⁾	8.5 gal (32 l)
Hydraulic oil, electric vibration	53 gal (200 l)
Hydraulic oil, hydraulic vibration	106 gal (400 l)
Water	145 gal + 145 gal (550 l + 550 l)
Driving Properties	
Paving speed	B1: 0 to 20 ft/min (0 to 6 m/min), B1: 0 to 23 ft/min (0 to 7 m/min)
Travel speed in travel gear	B1: 0 to 69 ft/min (0 to 21 m/min), B1: 0 to 77 ft/min (0 to 23.5 m/min)
Crawler Units	
Number	4
Type B1 (4 rollers): dimensions (L x W x H)	5 ft 3 in x 12 in x 22 in (1,590 x 300 x 570 mm)
Type B1 (6 rollers): dimensions (L x W x H)	6 (2,040 x 305 x 580 mm)
Height Adjustment	
Hydraulic	3 ft 7 in (1,100 mm)
Mechanical	17 in (420 mm)
Central Crown	
Variable adjustment range	For paving widths of 10 ft to 24 ft (3.00 to 7.30 m): max. 2.5% 5)
Transport Dimensions (L x W x H)	
Paving width 12 ft: Machine including slab paving mold type 1300 wi, including spreading plow and super smoother	29 ft 6 in x 9 ft 10 in x 10 ft 2 in (9,000 x 3,000 x 3,100 mm)
Paving width 30 ft: Machine including slab paving mold type 1300 wi, including spreading plow and super smoother	37 ft 9 in x 9 ft 10 in x 10 ft 2 in (11,500 x 3,000 x 3,100 mm)
Machine Weights	
Operating weight, CE ⁶⁾	46,297 to 119,050 lbs (21,000 to 54,000 kg)

¹⁾ Please note that not all machine configurations are available for the entire working width range. Configurations including DBI are available for working widths of up to 20 ft only; configurations including crown are available for working widths of 6 ft 6 in or larger only.

²⁾ Non-standard paving widths, paving heights, and other options are available on request

³⁾The reference value is based on statistically weighted values from experience gathered by WIRTGEN GmbH in the course of projects on construction sites around the world. The underlying fuel consumption figures originate from the engine manufacturers' engine control units. The actual, individual fuel consumption on a construction site depends on numerous different factors, for example, but not exclusively, machine usage (operator input, engine loading, etc.), the machine configuration (mold type, machine set-up width, dowel bar inserter, etc.), and the conditions on the construction site (paved material quantity, material properties, logistics, etc.).

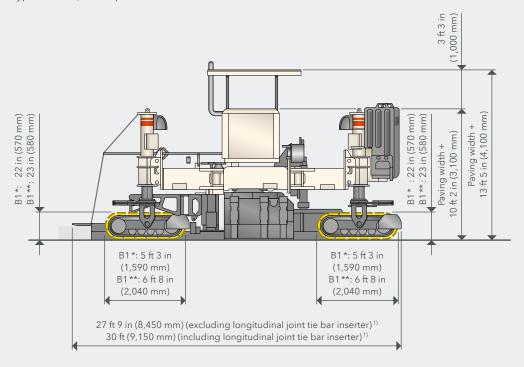
⁴⁾ AdBlue® is a registered trademark of the German Association of the Automotive Industry (Verband der Automobilindustrie e. V.; VDA)

⁵⁾ Values within standard transport height; non-standard dimensions on request

⁶⁾ Machine weight, half weight of all consumables, machine operator (165 lbs (75 kg)), tools, no optional equipment; weights depend on the actual equipment installed and the working width

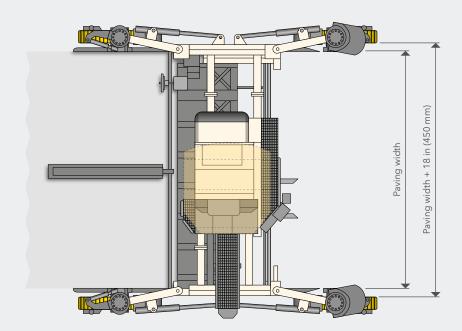
SIDE VIEW / TOP VIEW SP 64 i

Paving situation: slipform paver SP 64i equipped with spreading auger or spreading plow, slab paving mold type 1300 wi, and super smoother



- * 4 rollers
- ** 6 rollers

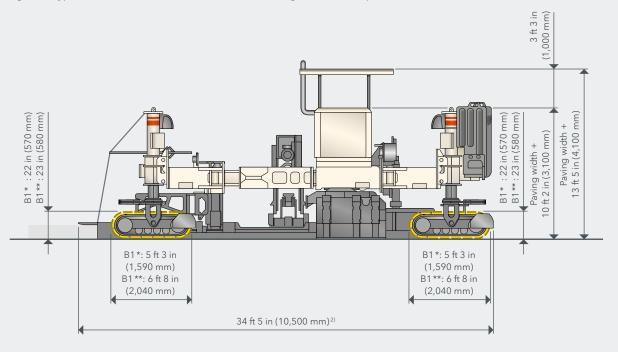




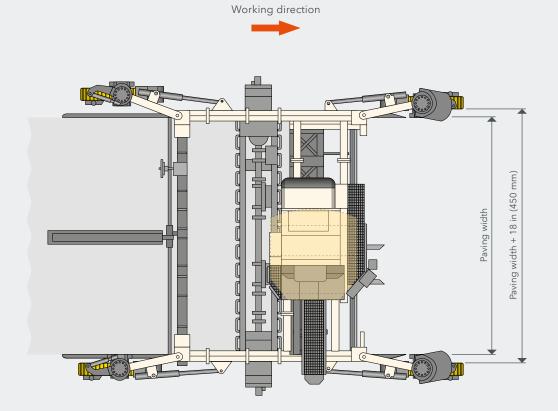
¹⁾ Longitudinal joint tie bar inserter (pivotable) and side tie bar inserter not shown

SIDE VIEW / TOP VIEW SP 64 i

Paving situation: slipform paver SP 64i equipped with spreading auger or spreading plow, slab paving mold type 1300 wi, dowel bar inserter (DBI), oscillating beam, and super smoother



- * 4 rollers
- ** 6 rollers



²⁾ Applies to standard longitudinal joint tie bar inserter (non-pivotable)

Basic Machine	
> Basic machine consisting of engine station and machine frame telescoping mechanically to the left and right for accommodating slab paving molds between the track units, including pre-fitting for four track units	1
> Fuel tank 106 gal (500 l)	
> Electrical system (24 V)	
> Cooling system with temperature-controlled fan speed	1
> Hydraulic system including an adequately sized hydraulic oil tank and a pump transfer gearbox with 2 output shafts and the pumps required for the machine's basic equipment package	1
Main Frame and Height Adjustment	
> Heavy-duty steel frame, telescopes in stages by total of 4 ft 11 in (1,500 mm) on both sides, can be extended by using optional extension pieces	
> The machine frame is pre-fitted with multiple mounting points for the modular addition of a variety of equipment features	
> Concrete equipment between 6 ft 6 in (2.00 m) and 13 ft 1 in (4.00 m) can be connected to the frame, optionally extendable to 24 ft (depends on equipment, up to 20 ft with DBI)	
> Frame elements for mechanical telescoping in increments to working widths of up to 13 ft 1 in (4.00 m)	
Crawler Units and Chassis Linkage	
> Paving speed of B1 track unit: 0 to 20 fpm (0 to 6 m/min)	
> Transport speed of B1 track unit: 0 to 69 fpm (0 to 21 m/min)	
> Model with four B1 track units (4 rollers), fitted with triple-grouser steel track pads	
> Model with two manually pivoting track unit connections each, front and rear	
> Model with two hydraulically pivoting track unit connections each, front and rear	
Machine Control, Leveling and Steering	
> WI-CONTROL - high-quality control system ensuring perfect interaction between all machine features	
> Error messages are displayed on the machine's control screen	
> The existing CAN-bus system can be expanded to customer specifications	
> ECO mode: performance-optimized engine management system for reduced diesel consumption and low noise emissions	
$> Proportional\ electrohydraulic\ leveling\ and\ steering\ by\ means\ of\ a\ PLC\ system\ including\ four\ leveling\ sensors\ and\ two\ steering\ sensors$	I
> Sensor mounting brackets, adjustable in height and range	
> Four leveling hydraulic cylinders with 3 ft 6 in (1.10 m) stroke	
> Cylinder steering for design with 4 crawler units	
Vibration	
> Hydraulic vibrator drive for max. 12 vibrators	
> 10 curved vibrators D66, hydraulically driven	
Concrete Equipment for Slab Paving	
> Paving mold series 1310 wi, without crown - basic width 12 ft	
> One-piece sideplates for paving molds series 1300 wi / 1310 wi	
> Flat inserts for the outer edges of the mold series 1310 wi	

STANDARD EQUIPMENT SP 64 i	
Operator's Platform	
> Ergonomically designed operator's platform providing a perfect view of the paving process	
> Three control panels with clear, language-independent labelling for ergonomic operation	
> Control panel 1 for machine setup according to site requirements	
> Control panel 2 with multifunctional control screen providing the operator with all relevant machine parameters and allowing settings to be made via a menu; the control panel can be adjusted to all directions of travel and paving configurations	-
> Control panel 3 for controlling the concrete equipment	
> Two control panels can be stored in the engine compartment; the third control panel can be protected against vandalism and weather by means of a lockable cover	-
Miscellaneous	
> Paving Plus package: pivot angle display, speed indicator and fully digital Ackermann steering	
> Large tool kit in lockable tool box	
> Comprehensive safety package with EMERGENCY STOP switches	
> Pre-fitting for installing the WITOS FleetView control unit	
> Standard painting in RAL 9001 (cream)	
> WITOS - professional telematics solution for machine operation and service optimization	
> Lighting system including 4 halogen working lights, 24 V	

⁼ Standard equipment, can be replaced with optional equipment if desired
= Optional equipment

OPTIONAL EQUIPMENT SP 64 i	
Main Frame and Height Adjustment	
> Frame elements for continuous hydraulic telescoping to working widths of up to 20 ft	
> Frame elements for continuous hydraulic telescoping to working widths of up to 24 ft, including extension elements	
Concrete Spreading Equipment for Slab Paving	
> Spreading auger without crown - basic width 12 ft	
> Split spreader auger with / without crown - basic width 12 ft	
> Spreading plow - basic width 12 ft	
> Spreading auger - extension element 1.00 ft, right-hand pitch	
> Spreading auger - extension element 1.50 ft, right-hand pitch	
> Spreading auger - extension element 2.00 ft, right-hand pitch	
> Spreading auger - extension element 4.00 ft, right-hand pitch	
> Spreading auger - extension element 1.00 ft, left-hand pitch	
> Spreading auger - extension element 1.50 ft, left-hand pitch	
> Spreading auger - extension element 2.00 ft, left-hand pitch	
> Spreading auger - extension element 4.00 ft, left-hand pitch	
> Spreading plow - extension element 1.00 ft	
> Spreading plow - extension element 1,50 ft	
> Spreading plow - extension element 2,00 ft	
> Spreading plow - extension element 4.00 ft	
Crawler Units and Chassis Linkage	
> Model with four B1 track units (4 rollers), fitted with polyurethane track pads	
> Model with four B1 track units (6 rollers), with triple grouser steel track pads	
> Model with four B1 track units (6 rollers), fitted with polyurethane track pads	
Machine Control, Leveling and Steering	
> Worm gear steering for machines with 4 crawler units	
> Cross-slope sensor	
> Additional control console for track unit adjustment	
> Two slab tracers	
> Four slab tracers	
> Control unit for manual track unit steering	
> Pre-fitting for 3D leveling	
> Gateway for external 3D-System	
> Additional slope sensors for 3D leveling	
Vibration	
> Hydraulic vibrator drive for max. 18 vibrators	
> Electric vibrator drive with 40-kVA generator for max. 18 vibrators	
> Electric vibrator drive with 40-kVA generator for max. 24 vibrators	
> Two straight vibrators D66, electrically driven	
> 10 curved vibrators D76, electrically driven	
> Straight vibrator D66, hydraulically driven	
> Straight vibrator D66, electrically driven	
> Curved vibrator D66, hydraulically driven	
> Curved vibrator D76, electrically driven	

OPTIONAL EQUIPMENT SP 64 i	
Concrete Equipment for Slab Paving	
> Split metering gate for molds with / without crown - basic width 12 ft	
> Split metering gate for molds with / without crown - basic width 12 ft	
> Metering gate - extension element 1.00 ft	
> Metering gate - extension element 1.50 ft	
> Metering gate - extension element 2.00 ft	
> Metering gate - extension element 4.00 ft	
> Metering gate TeleMold for left or right paving side - 1 piece	
> Metering gate TeleMold for left and right paving sides - 2 pcs	
> Grout box auger without crown - basic width 12 ft	
> Split grout box auger with / without crown - basic width 12 ft	
> Grout box auger - extension element 1.00 ft	
> Grout box auger - extension element 1.50 ft	
> Grout box auger - extension element 2.00 ft	
> Grout box auger - extension element 4.00 ft	
> Tamper bar with / without crown - basic width 12 ft	
> Tamper bar - extension element 1.00 ft	
> Tamper bar - extension element 1.50 ft	
> Tamper bar - extension element 2.00 ft	
> Tamper bar - extension element 4.00 ft	
> Paving molds series 1310 wi, with crown - basic width 12 ft	
> Paving mold series 1310 wi, without crown, TeleMold preparation - basic width 12 ft	
> Paving molds series 1310 wi, with crown - basic width 12 ft	
> Configuration without paving mold With cable harness for preparing paving mold with DP	
> Two-piece side plates for start of shift with paving molds series 1300 wi / 1310 wi	
> Paving mold series 1310 wi - extension element 1.00 ft	
> Paving mold series 1310 wi - extension element 1.50 ft	
> Paving mold series 1310 wi - extension element 2.00 ft	
> Paving mold series 1310 wi - extension element 4.00 ft	
> TeleMold 3 - 6 ft for extending the 1310 wi series paving mold	
> TeleMold 6 - 9 ft for extending the 1310 wi series paving mold	
> TeleMold 6 - 12 ft for extending the 1310 wi series paving mold	

=	Standard	equi	pment

■ = Standard equipment
 □ = Standard equipment, can be replaced with optional equipment if desired
 □ = Optional equipment

OPTIONAL EQUIPMENT SP 64 i	
Concrete Equipment for Slab Paving	
> Automatic dowel bar inserter (DBI) for use without crown - basic width 12 ft	
> Automatic dowel bar inserter (DBI) for use with crown - basic width 12 ft	
> Base group for dowel bar inserter (DBI) for paving width up to 12 ft	
> Base group for dowel bar inserter (DBI) for paving width up to 14 ft	
> Base group for dowel bar inserter (DBI) for paving width up to 18 ft	
> Base group for dowel bar inserter (DBI) for paving width up to 20 ft	
> Dowel bar inserter (DBI) - extension element 1.00 ft	
> Dowel bar inserter (DBI) - extension element 1.50 ft	
> Dowel bar inserter (DBI) - extension element 2.00 ft	
> Dowel bar inserter (DBI) - extension element 4.00 ft	
> Load brackets as modification aid for altering the width of the dowel bar inserter (DBI)	
> DBI self-loading device including a diesel-powered hydraulic unit	
> Oscillating beam without crown - basic width 12 ft	
> Oscillating beam with / without crown - basic width 12 ft	
> Oscillating beam - extension element 1.00 ft	
> Oscillating beam - extension element 1.50 ft	
> Oscillating beam - extension element 2.00 ft	
> Oscillating beam - extension element 4.00 ft	
> Super smoother - basic width 12 ft	
> Super smoother - extension element 1.00 ft	
> Super smoother - extension element 1.50 ft	
> Super smoother - extension element 2.00 ft	
> Super smoother - extension element 4.00 ft	
> Model with mounting components for mounting one longitudinal joint tie bar inserter to the paving mold	
> Model with mounting components for mounting one longitudinal joint tie bar inserter to the dowel bar inserter	
> Model with mounting components for mounting one longitudinal joint tie bar inserter either to the paving mold or to the dowel bar inserter	
> Hydraulically movable mold mounting - 3 ft left paving side	
> Hydraulically movable mold mounting - 3 ft right paving side	
> Hydraulically movable mold mounting - 3 ft left and right paving sides	
> Control unit for TeleMold and hydraulically movable mold mounting	
$>$ 1 side tie bar inserter for straight tie bars, max. ø $^{3}/_{4}$ ", length 2.50 ft	
$>$ 2 side tie bar inserters for straight tie bars, max. ø $^{3}/_{4}$ ", length 2.50 ft	
> Hydraulically movable mold mounting - 3 ft left and right paving sides	
> Control unit for TeleMold and hydraulically movable mold mounting	
$>$ 1 side tie bar inserter for straight tie bars, max. ø $^{3}/_{4}$ ", length 2.50 ft	
$>$ 2 side tie bar inserters for straight tie bars, max. ø $^{3}/_{4}$ ", length 2.50 ft	

OPTIONAL EQUIPMENT SP 64 i	
Concrete Equipment for Offset Paving	
> Offset paving mold up to 2 ft (0.60 m) wide, max. height of 16 in (0.40 m)	
> Offset paving mold from 2 ft (0.60 m) to 3 ft 11 in (1.20 m) wide (max. height of 16 in (0.40 m))	
> Offset paving mold from 3 ft 11 in (1.20 m) to 5 ft 11 in (1.80 m) wide (max. height of 16 in (0.40 m))	
> Offset paving mold up to 2 ft 11 in (0.90 m) high, max. base width of 2 ft (0.60 m), including hopper	
> Offset paving mold up to 4 ft 3 in (1.30 m) high, max. base width of 2 ft (0.60 m), including hopper	
> Split offset paving mold up to 2 ft wide, max. height of 16 in (0.40 m)	
> Split offset paving mold from 2 ft (0.60 m) to 3 ft 11 in (1.20 m) wide, max. height of 16 in (0.40 m)	
> Bottom part for split offset paving mold (AV) up to 2 ft (0.60 m) wide (max. height of 16 in (0.40 m))	
> Bottom part for split offset paving mold (AV) from 2 ft (0.60 m) to 3 ft 11 in (1.20 m) wide (max. height of 16 in (0.40 m))	
> Rigid mount for offset paving mold	
> Set of hydraulic components for adjusting the sideplate of an EV offset paving mold	
> Set of hydraulic components for adjusting the side plate of an AV offset mold	
Concrete Feeding System	
> Belt conveyor 19 ft 8 in (6.00m) x 2 ft (0.60 m), in folding design, with reversible hydraulic drive, hydraulically adjustable	
> Auger conveyor 15 ft 1 in (4.60 m) x 16 in (0.40 m) with reversible hydraulic drive, hydraulically adjustable	
> Auger conveyor 18 ft 8 in (5.70 m) x 16 in (0.40 m) with reversible hydraulic drive, hydraulically adjustable	
> Steel chute	
> Steel-rubber chute is used to guide the concrete to the offset mold	
Offset Trimmer	
> Trimmer, basic width, 2 ft (0.60 m), for mounting on the left side	
> Trimmer - extension 8 in (0.20 m) wide, for mounting on the left side	
> Trimmer - extension 16 in (0.40 m) wide, for mounting on the left side	
> Trimmer, basic width, 2 ft (0.60 m) for mounting on the right side	
> Trimmer - extension 8 in (0.20 m) wide, for mounting on the right side	
> Trimmer - extension 16 in (0.40 m) wide, for mounting on the right side	

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OPTIONAL EQUIPMENT SP 64 i	
Operator's Platform	
> Weather canopy for operator's platform with manual fold-down feature	
> Extension of walkway allowing the operator to pass from one side of the machine to the other for working widths of up to 19 ft 7 in (6.00 m)	
> Extension of walkway allowing the operator to pass from one side of the machine to the other for working widths of up to 24 ft 6 in (7.50 m)	
Miscellaneous	
> Painting in one special color (RAL)	
> Painting in two special colors (RAL)	
> Model without WITOS	
> High-performance lighting system including 8 LED working lights, 24 V	
> Hydraulic high-pressure water cleaning system with 145 gal plastic tank	
> Additional plastic water tank, 145 gal (550 l)	
> Additional electrical water pump, 24 V, with 32 ft 10 in (10,00 m) hose and spray gun with handle	
> Self-leveling feature for transport mode	
> Rotating beacon, halogen 24 V, with magnetic base	
> Two flashing beacons, 24 V, with magnetic base	
> Automatic crown adjustment	
> Loading ramp for machines with 2 crawler units	
> Radio remote control used to adjust the height of the strike-off wall	
> Camera system consisting of 1 camera and 1 screen, expandable to up to 6 cameras	
> Additional camera as an extension to an existing camera system	

OPTIONAL EQUIPMENT SP 64 i	
Miscellaneous	
> Two LED floodlights including power generator (230 V)	
> Two LED floodlights including power generator (110 V)	
> High-performance lighting system including 4 LED working lights, 24 V, for illuminating the compaction compartment	
> Two LED floodlights 24 V	
> 230 volt power generator, hydraulically driven, rated power of 4 kW	
> 110 volt power generator, hydraulically driven, rated power of 4 kW	
> Crane system for dowel bar packs, driven by means of a chain hoist	
> Hydraulically driven crane system	
> Stringline tensioning system, complete with 3280 ft (1,000 m) steel wire rope	
> Additional tensioning winch for stringline tensioning system	
> Stringline tensioning system, complete with 4 x 984 ft (4 x 300 m) nylon rope	
> Radius kit, fibreglass rod as stringline replacement for paving in corners with different radii	
> Machine commissioning (day rate)	
> Export packaging	

=	Standar	d equ	uipment
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= Standard equipment, can be replaced with optional equipment if desired
= Optional equipment





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For further information, please scan the code.