

The new benchmark for perfection in concrete paving.

Slipform Pavers

At a glance: outstanding features of the new SP 61/SP 61i

02

Highlights in concrete paving

1 EXCEPTIONAL FLEXIBILITY IN CONCRETE PAVING

The slipform paver achieves perfection in the highly precise paving of both small and large poured-in-place offset profiles at standard heights of up to 2.2 m or standard widths of up to 3.0 m.

TRIED-AND-TESTED OFFSET PAVING MOULDS

A wide variety of tried-and-tested standard profile moulds is on offer which are suitable for mounting on the left or right side of the paver. Special paving moulds can be built to customer specifications.

3 FLEXIBILITY IN CONCRETE FEEDING

High-performance concrete feeding systems are available in auger conveyor, belt conveyor or folding belt conveyor design. All systems offer numerous adjustment options.

OPTIONS IN CONCRETE COMPACTION

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

PERFECT PREPARATION OF THE BASE

The use of a trimmer unit offering flexible adjustment options creates an even base to ensure uniform profile paving.

Highlights in engine technology and operation

6 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.

7 STATE-OF-THE-ART ENGINE TECHNOLOGY

The SP 61 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 61i 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.

8 PERFECT ERGONOMIC DESIGN AND HANDLING

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



<u>Highlights in machine control</u>

91 HIGHLY PRECISE STEERING AND DRIVE SYSTEMS

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

Highlights in modular design

12 | FULLY MODULAR MACHINE DESIGN

The paver's fully modular design is synonymous with flexible modification, easy retrofitting of customer options and application-specific adjustment to site conditions. It is even possible to convert the paver to the inset configuration of the SP 64/SP 64i.

13 INTELLIGENT TRANSPORT CONCEPT

Compact dimensions, optional folding belt conveyor and minimum modification requirements ensure ease of loading and cost-effective transport. The paver's hydraulically operated pivoting legs are a major contributor to reducing the effort required for machine setup on site.

7 1| 5 l

101 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.

11 FIELD-PROVEN 3D INTERFACE

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

Technical specification

Range of applications offset Edeconveyor length: 5,000 nm, belt width: 600 nm Belt conveyor, short (option) length: 6,000 nm, belt width: 600 nm Auger conveyor, short (option) length: 6,000 nm, belt width: 400 nm Auger conveyor, long (option) length: 5,700 nm, belt width: 400 nm Discharge chute steel or nubber design Concrete nould atteel or nubber design Auger conveyor, long (option) length: 5,700 nm, belt width: 400 nm Maxer modul (aption) dift adjustment of modul (aption) Maxe. modul sheight 2,200 nm *l Maxe. modul sheight dift adjustment of modul (aption) Maxe. modul width 3,000 nm Vibrators and circuits dift adjustment of modul (aption) Vibrator and circuits dift adjustment of modul (aption) Vibrators and circuits dift adjustment of modul (aption) Not adjustment of modul		SP 61	SP 61i
Belt conveyor Iength: 5,900 mm, belt width: 600 mm Belt conveyor, folding design (option) Iength: 6,000 mm, belt width: 400 mm Auger conveyor, folding design (option) Iength: 4,600 mm, belt width: 400 mm Auger conveyor, folding design (option) Iength: 5,700 mm, belt width: 400 mm Discharge chute steel or rubber design Concrete mould Iength: 5,700 mm, belt width: 400 mm Arrangement Iength: 3,000 mm, belt width: 400 mm Max. mould height 2,200 mm, belt width: 400 mm Max. mould height 2,200 mm, belt width: 400 mm Max. mould height 2,200 mm, belt width: 400 mm Max. mould height 2,200 mm, belt width: 400 mm Max. mould height 3,000 mm, belt width: 400 mm Max. mould height 3,000 mm, belt width: 400 mm Vibrators and cicuits It connections (ptional) Hydraulic vibrators Straight (D66) Electrically driven vibrators straight (D66) Itimmer (optional Itime (optional Max. width 1,600 mm Max. width 1,600 mm Max. width 1,600 mm Num of optioneli Itit	Range of applications	off	set
Bet: conveyor, folding design (option) length: 6,000 mm, bet width: 400 mm Auger conveyor, long (option) length: 4,600 mm, bet width: 400 mm Auger conveyor, long (option) length: 5,700 mm, bet width: 400 mm Discharge chute steel or rubber design Concret mould length: 5,700 mm, bet width: 400 mm Arrangement length: 3,000 mm Max: mould height 4.02,00 mm ⁻¹ Max: mould height 3,000 mm ⁻¹ Max: mould height 3,000 mm ⁻¹ Max: mould height 6 connections (option) Vibrators and circuits straight (D66) Electric wibration 18 connections Hydraulic vibrators straight (D66) Electric wibrators straight (D66) Electric wibrators 6.00 mm Max.width 1.00 mm ⁻¹ Max.width 0.0 to 150 mm Primming depth 0.0 to 150 mm Primm elegist adjustment, mechanical 3.00 mm ⁻¹ Timming depth 0.0 to 150 mm Prime elegist adjustment, mechanical 0.0 to 150 mm Timmer of pridauic Poetrz Deutz </td <td>Concrete feeding</td> <td></td> <td></td>	Concrete feeding		
Auger conveyor, short (option)length: 4,600 mm, bet width: 400 mmAuger conveyor, long (option)length: 5,700 mm, bet width: 400 mmDischarge chutesteel or rubber designConcrete mouldArrangementHeight adjustment of mould (option)0.000 mmMax. mould height2,200 mm*!Max. mould height0.000 mm*Max. mould width0.000 mm*!Max. mould width0.000 mm*!Workstores and circuitsUrstores and circuitsHydraulically driven vibrators3.000 mmElectrically driven vibrators3.000 mmKax. width0.000 mmMax. width0.000 mmMax. width0.000 mmMax. width0.000 mmMax. width0.000 mmDrum diameter with tools0.000 mmMax. width0.000 mmPringing depth0.000 mmDrum diameter with tools0.000 mmHeight adjustment, machanical0.000 mmToro stage lateral telescoping featureDeutzToppeTCD 2012 L06 2VTCD6.1 L6CoolingwaterwaterNumber of clylinders66Rated power6,057 cm³6,057 cm³Displacement	Belt conveyor	length: 5,900 mm,	belt width: 600 mm
Auger conveyor, long (option) length: 5,700 mm, bet width: 400 mm Discharge chute steel or nubber design Concrete mould Arrangement left/right Height adjustment of mould (option) 0 000 mm Max. mould height 2,200 mm*1 Max. mould width 3,000 mm*1 Max. mould width 0,000 mm*1 Max. mould width 0 connections (optications) Electric vibration 6 connections (optications) Electric vibration 18 com-extions) Electric vibrations 0 straight (D66) Max. width 0 straight (D66) Max. width 0 to 10 mm Max. width 0 to 10 mm *2 Trimming depth 0 to 10 mm *2 Drum diameter with tools 0 to 10 mm Height adjustment, mechanical 0 dot 10 mm Torstage lateral telescoping feature 1 dot 10 mm Type TCD 2012 L06 2V TCD	Belt conveyor, folding design (option)	length: 6,000 mm,	belt width: 600 mm
Discharge chute steel or rubber design Concrete mould Ieff/right Arrangement Ieff/right Height adjustment of mould (option) 400 mm Max. mould height 2,200 mm*1 Max. mould height 3,000 mm*1 Max. mould height 3,000 mm*1 Max. mould width 3,000 mm*1 Vibrators and circuits It connections (options) Hydraulic vibration 6 connections (options) Electric vibration 6 connections (options) Hydraulically driven vibrators 3 straight(D66) Electrically driven vibrators 3 straight(D76) Timmer (optional 6 000 mm Max. width 0 to 150 mm Drum diameter with tools 0 0 to 150 mm Height adjustment, mechanical 3 000 mm*1 Height adjustment, mechanical 0 0 to 150 mm Trum endandeturer Deutz Height adjustment, mechanical 0 0 to 150 mm Time endandacturer Deutz Type TCD 2012 L06 2V TCD6.1 L6 Cooling water 46	Auger conveyor, short (option)	length: 4,600 mm,	belt width: 400 mm
Concrete mould Arrangement left/right Height adjustment of mould (option) 400 mm Max. mould height 2,200 mm*1 Max. mould height 3,000 mm*1 Max. mould width 3,000 mm*1 Vibrators and circuits Hydraulic vibration 6 connections (optiom): 12 connections) Electric vibration 6 connections (optiom): 12 connections) Electric vibration 8 connections Hydraulic vibrators 3 straight(D66) Electric vibration 6000 mm Max. width 6000 mm Max. width 0 to 15 mm Drum diameter with tools 500 mm Height adjustment, hydraulic 400 mm Height adjustment, mechanical 3000 mm Two-stage lateral telescoping feature 1,300 mm Fugine Deutz Type CD2 2012 L06 2V TCD2 212 L06 2V TCD6.1 L6 Cooling water Number of cylinders 6 6 Rated power at2.300 min ¹ 180 kW/241 HP/245 FS	Auger conveyor, long (option)	length: 5,700 mm,	belt width: 400 mm
ArangementIeft/rightHeight adjustment of mould (option)400 mmMax. mould height2,200 mm*1Max. mould width3,000 mm*1Max. mould width3,000 mm*1Vibrators and circuitsHydraulic vibration6 connections (optional: 12 connections)Electric vibration6 connections (optional: 20 connections)Electric vibration3 straight (D66)Electric vibratorsstraight (D76)Electric vibrators3 straight (D76)Electric vibrators3 straight (D76)Electric vibrators16 000 mmMax. width1,600 mm*2Max. width0 to 150 mmMax. width300 mmMax. width300 mmIrimming depth0 to 150 mmDrum diameter with tools300 mmHeight adjustment, hydraulic300 mmHeight adjustment, mechanical300 mmTroo-stage lateral telescoping featureDeutzTypeTCD 2012 L06 2VTCD6,1 L6CoolingwaterNumber of cylinders6Ated powerat 2,100 min1 180 kW/241 HP/245 PSDisplacement6,057 cm3Fuel consumption, full load42 L/hFuel consumption, full load42 L/hFuel consumption, full load181/h	Discharge chute	steel or rub	ber design
Height adjustment of mould (option)400 mmMax. mould height2,200 mm*1Max. mould width3,000 mm*1Max. mould width3,000 mm*1Vbrators and circuits6 connections (options)Electric vibration6 connections (options)Max. width1 connections (options)Max. width0 to 15 mnfrimming depth0 to 15 mnDrum diameter with tools6 connections (options)Height adjustment, hydraulic1 connections)Height adjustment, mechanical0 connectionsTow stage lateral telescoping featureDeutzEngine manufacturerDeutzLippeCoolingwaterNumber of cylinders6Rated powerát 2,100 min ¹ 180 kW/241 HP/245 PSDisplacement6.057 cm ³ Fuel consumption, full load421/hHeil consumption, full load111/hFuel consumption, full load111/h	Concrete mould		
Max. mould height2,200 mm³1Max. mould width3,000 mm³1Max. mould width3,000 mm³1Vibrators and circuits6 connections (options)Hydraulic vibration6 connections (options)Electric vibration6 connections (options)Hydraulically driven vibrators318 connections)Electrically driven vibrators318 connections)Electrically driven vibrators318 connections)Basic width600 mm³2Max. width1,600 mm³2Max. width0 to 150 mm³2Drum diameter with tools0 to 150 mm32Primer (optional300 mm³2Drum diameter with tools300 mm³2Height adjustment, hydraulic400 to 150 mm32Height adjustment, mechanical300 mm31Two-stage lateral telescoping featureDeutzEngine manufacturerDeutzLoolingwaterNumber of cylinders6Rated power6,057 cm³1Displacement6,057 cm³2Fuel consumption, full load421/hHeil consumption, 2½ load111/hStarly fuel districer181/h	Arrangement	left/	right
Max. mould width3,000 mm*1Vibrators and circuitsHydraulic vibration6 connections (optional: 12 connections)Electric vibration18 connectionsHydraulically driven vibratorsStraight (D66)Electrically driven vibrators3,000 mmTrimmer (optionalTotal and the second	Height adjustment of mould (option)	400	mm
Vibrators and circuits Hydraulic vibration 6 connections (optional: 12 connections) Electric vibration 18 connections Hydraulically driven vibrators Straight (D66) Electrically driven vibrators Straight (D76) Timmer (optional Straight (D76) Max. width 600 mm ⁴² Max. width 600 mm ⁴² Trimming depth 0 to 150 mm Drum diameter with tools 300 mm Height adjustment, hydraulic 400 mm Height adjustment, mechanical 300 mm Tropine Deutz Type TCD 2012 L06 2V TCD6.1 L6 Cooling water water Number of cylinders 6 6 Rated power 315 kW/208 HP/211PS 180 kW/241 HP/245 PS Displacement 6,057 cm ³ 6,057 cm ³ Fuel consumption, 74, load 121/h 461/h	Max. mould height	2,200	mm*1
Hydraulic vibration 6 connections (optional: 12 connections) Electric vibration 18 connections Hydraulically driven vibrators Straight (D66) Electrically driven vibrators Straight (D66) Electrically driven vibrators Straight (D66) Timmer (optional Straight (D76) Basic width 600 mm *2 Max. width 1,600 mm *2 Trimming depth 0 to 150 mm Drum diameter with tools 300 mm Height adjustment, mechanical 300 mm Two-stage lateral telescoping feature 1,300 mm Fugine Deutz Deutz Type Oto 12012 L06 2V TCD6.1 L6 Cooling water 400 min ³ Number of cylinders 6 6 Rated power at 2,300 min ³ at 2,100 min ³ ISB kW/208 HP/211PG 30 kW/241 HP/245 PS Displacement 6,057 cm ³ 6,057 cm ³ Fuel consumption, full load 421/h 461/h	Max. mould width	3,000	mm*1
Electric vibration 18 connections Hydraulically driven vibrators straight (D66) Electrically driven vibrators straight (D76) Trimmer (optional Basic width 600 mm Max. width 1,600 mm*2 Trimming depth 0 to 150 mm Drum diameter with tools 500 mm Height adjustment, hydraulic 400 mm Height adjustment, mechanical 300 mm Two-stage lateral telescoping feature 1,300 mm Fogine 1 Type TCD 2012 L06 2V Type TCD 2012 L06 2V Cooling at 2,300 min ¹ Number of cylinders 6 Rated power at 2,300 min ¹ Displacement 6,057 cm ³ Fuel consumption, full load 42 1/h Fuel consumption, full load 171/h	Vibrators and circuits		
Hydraulically driven vibratorsstraight (D66)Electrically driven vibratorsstraight (D76)Timmer (optionalstraight (D76)Basic widthGOOD TOT STRATT STRA	Hydraulic vibration	6 connections (optional: 12 connections)	
Electrically driven vibrators straight (D76) Trimmer (optional straight (D76) Basic width G00000000000000000000000000000000000	Electric vibration	18 connections	
Trimmer (optional Basic width 600 mm Max. width 1,600 mm*2 Trimming depth 0 to 150 mm Drum diameter with tools 300 mm Height adjustment, hydraulic 400 mm Height adjustment, mechanical 300 mm Two-stage lateral telescoping feature 1,300 mm Forgine Engine Deutz Type Deutz Cooling water Number of cylinders 6 Rated power át 2,300 min ⁻¹ 180 kW/241 HP/245 PS Displacement 6,057 cm ³ Fuel consumption, full load 421/h Heil consumption, 2 ¹ / ₂ Ibad 181/h	Hydraulically driven vibrators	straight (D66)	
Basic width600 mMax. width1.600 mm*2Trimming depth0 to 150 mmDrum diameter with tools300 mmHeight adjustment, hydraulic4400 mmHeight adjustment, mechanical300 mmTwo-stage lateral telescoping feature1.300 mmFngineDeutzEngine manufacturerDeutzTypeTCD 2012 L06 2VCoolingwaterNumber of cylinders6Rated power315 kW/208 HP/211 PSDisplacement6,057 cm³Fuel consumption, full load421/hHeil consumption, 2/3 load171/h	Electrically driven vibrators	straight (D76)	
Max. width $1,600 \mm^{+2}$ Trimming depth $0 \ 0 \ 150 \mm$ Drum diameter with tools $0 \ 0 \ 150 \mm$ Height adjustment, hydraulic $400 \mm$ Height adjustment, mechanical $300 \mm$ Two-stage lateral telescoping feature $1,300 \mm$ Engine $1,300 \mm$ Fught adjustment, mechanical $0 \mm$ Two-stage lateral telescoping feature $0 \mm$ Engine $1000 \mm$ Cooling $0 \mm$ Number of cylinders $6 \mm$ Rated power $at 2,300 \mm$ Displacement $6,057 \mm$ Fuel consumption, full load $421/h$ Heil consumption, $3/3 \mm$ $31/1 \mm$	Trimmer (optional		
Trimming depth Oto 10 m Drum diameter with tools 500 m Height adjustment, hydraulic 400 m Height adjustment, mechanical 300 m Two-stage lateral telescoping feature 1,300 mm Fogine 1,300 mm Engine manufacturer 0 Type TCD 2012 L06 2V Cooling water Number of cylinders 6 Rated power at 2,300 min ⁻¹ 155 kW/208 HP/211P Displacement 6,057 cm ³ Fuel consumption, full load 461/h Fuel consumption, ² / ₂ load 171/h	Basic width	600 mm	
Drum diameter with toolsS00 mHeight adjustment, hydraulic400 mHeight adjustment, mechanical300 mTwo-stage lateral telescoping feature1.300 mEngineDeutzEngine manufacturerDeutzTypeTCD 2012 L06 2VCoolingwaterNumber of cylinders6Rated powerat 2,300 min ⁻¹ 180 kW/241 HP/245 PSDisplacement6,057 cm³Fuel consumption, full load421/hFuel consumption, full load171/h	Max. width	1,600 mm*²	
Height adjustment, hydraulic Ad00 mm Height adjustment, mechanical 300 mm Two-stage lateral telescoping feature 1,300 mm Engine 1,300 mm Engine manufacturer Deutz Type Deutz Deutz Cooling water water Number of cylinders 6 6 Rated power at 2,300 min ⁻¹ 155 kW/208 HP/211 PS at 2,100 min ⁻¹ 180 kW/241 HP/245 PS Displacement 6,057 cm ³ 6,057 cm ³ Fuel consumption, full load 421/h 461/h	Trimming depth	0 to 150 mm	
Height adjustment, mechanical300 mTwo-stage lateral telescoping feature1,300 mEngineEngine manufacturerDeutzTypeDeutzDeutzCoolingwaterwaterNumber of cylinders66Rated powerát 2,300 min ⁻¹ 155 kW/208 HP/211PSát 2,100 min ⁻¹ 180 kW/241 HP/245 PSDisplacement6,057 cm³6,057 cm³Fuel consumption, full load421/h461/hFuel consumption, ² / ₃ load171/h181/h	Drum diameter with tools	500 mm	
Two-stage lateral telescoping feature 1,300 mm Engine 1,300 mm Engine manufacturer Deutz Type Deutz Deutz Cooling water water Number of cylinders 6 6 Rated power át 2,300 min ⁻¹ 155 kW/208 HP/211 PS át 2,100 min ⁻¹ 180 kW/241 HP/245 PS Displacement 6,057 cm ³ 6,057 cm ³ Fuel consumption, full load 441/h 4461/h Fuel consumption, ² / ₃ load 171/h 181/h	Height adjustment, hydraulic	400 mm	
EngineEngine manufacturerDeutzDeutzTypeTCD 2012 L06 2VTCD6.1 L6CoolingwaterwaterNumber of cylinders66Rated powerat 2,300 min ⁻¹ 155 kW/208 HP/211 PSat 2,100 min ⁻¹ 180 kW/241 HP/245 PSDisplacement6,057 cm ³ 6,057 cm ³ Fuel consumption, full load171/h181/h	Height adjustment, mechanical	300 mm	
Engine manufacturerDeutzDeutzTypeTCD 2012 L06 2VTCD 6.1 L6CoolingwaterwaterNumber of cylinders66Rated powerat 2,300 min ⁻¹ 155 kW/208 HP/211 PSat 2,100 min ⁻¹ 180 kW/241 HP/245 PSDisplacement6,057 cm ³ 6,057 cm ³ Fuel consumption, full load11/h461/h	Two-stage lateral telescoping feature	1,300 mm	
Type TCD 2012 L06 2V TCD6.1 L6 Cooling water water Number of cylinders 6 6 Rated power at 2,300 min ⁻¹ 155 kW/208 HP/211 PS at 2,100 min ⁻¹ 180 kW/241 HP/245 PS Displacement 6,057 cm ³ 6,057 cm ³ Fuel consumption, full load 111/h 181/h	Engine		
ACoolingwaterwaterNumber of cylinders66Rated powerat 2,300 min ⁻¹ 155 kW/208 HP/211 PSat 2,100 min ⁻¹ 180 kW/241 HP/245 PSDisplacement6,057 cm³6,057 cm³Fuel consumption, full load121/h461/hFuel consumption, 2/3 load171/h181/h	Engine manufacturer	Deutz	Deutz
Number of cylinders 6 6 Rated power at 2,300 min ⁻¹ 155 kW/208 HP/211 PS at 2,100 min ⁻¹ 180 kW/241 HP/245 PS Displacement 6,057 cm ³ 6,057 cm ³ Fuel consumption, full load 421/h 461/h Fuel consumption, ² / ₃ load 111/h 181/h	Туре	TCD 2012 L06 2V	TCD6.1 L6
Rated power at 2,300 min ⁻¹ 155 kW/208 HP/211 PS at 2,100 min ⁻¹ 180 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	Cooling	water	water
Rated power155 kW/208 HP/211 PS180 kW/241 HP/245 PSDisplacement6,057 cm³6,057 cm³Fuel consumption, full load42 l/h46 l/hFuel consumption, ²/₃ load17 l/h18 l/h	Number of cylinders	6	6
Fuel consumption, full load42 l/h46 l/hFuel consumption, 2/3 load17 l/h18 l/h	Rated power		
Fuel consumption, ² / ₃ load 17 l/h 18 l/h	Displacement	6,057 cm ³	6,057 cm ³
	Fuel consumption, full load	42 l/h	46 l/h
Emission standards EU Stage 3a/US Tier 3 EU Stage 4/US Tier 4f	Fuel consumption, ² / ₃ load	17 l/h	18 l/h
	Emission standards	EU Stage 3a/US Tier 3 EU Stage 4/US Tier 4f	

 \star^1 = Please consult factory for different offset geometries or special applications \star^2 = Please consult factory for special custom widths

	SP 61	SP 61i
Electrical system		
Electrical power supply	24 \	/ DC
Electric vibration	110 V AC	3~/200 Hz
Filling capacities		
Fuel tank	400 I	400 I
Adblue®/DEF tank	-	32
Hydraulic oil tank, electric vibration	200	200 I
Hydraulic oil tank, hydraulic vibration	400 I	400 I
Water tank	500 + 500	500 + 500
Driving properties		
Paving speed	B0: 0 to 6 m/min	
Travel speed in travel gear	B0: 0 to 21 m/min	
Crawler units		
Number	3 or 4	
Type B0: dimensions (L x W x H)	1,590 x 300 x 570 mm	
Height adjustment		
Hydraulic	1,100 mm	
Mechanical (hole pattern)	400 mm	
Machine weights* ³		
Operating weight, CE*4 of basic machine including belt conveyor	15,500 to 25,600 kg	
Trimmer, working width 600 mm	1,300 kg	
Belt conveyor	850 kg	
Belt conveyor in folding design	920 kg	
Auger conveyor	1,300 kg	

*³ = Weights depend on the machine's range of equipment and working width
 *⁴ = Weight of machine with half-full water tank, half-full fuel tank, driver (75 kg) and on-board tools

Dimensions





Dimensions in mm



Dimensions in mm *= Option: belt conveyor in folding design

Standard equipment

	SP 61	SP 61i
Base machine		
Cooling system with temperature-controlled fan speed		
Electrical system 24 V		
Fuel tank 400 l		
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		
With a large number of fixation points, the chassis is prepared for modular supplementing with various machine functions	•	•
Robust steel frame, telescoping in stages by total 875 mm on both sides to the front and to the rear; can be optionally extended by fixed extension pieces	•	•
It is possible to connect offset paving moulds to the left or right side of the machine		
Chassis components for step-by-step mechanical telescoping by 0.875 m		
Crawler unit and crawler unit connections		
Paving speed: crawler unit type B0: 0 to 6 m/min		
Travelling speed: crawler unit type B0: 0 to 21 m/min		
Three levelling hydraulic cylinders with 1,100 mm stroke		
Three crawler unit tracks type B0 with steel triple grousers		
Version with one manually slewing front crawler unit connection		
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		
Optimum lateral tilt control by Smooth-Slope		
Automated recognition of the particular machine configuration enables simple orientation for the operator		
Cylinder steering for machine eqiupped with 3 crawler units type B0		

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

	SP 61	SP 61i
Vibration		
Hydraulic vibrator drive offset for max. 6 vibrators		
2x straight vibrators D66, hydraulically driven		
Concrete spreading for offset paving		
Belt conveyor 5.90 m x 0.60 m with reversible hydraulic drive, hydraulically adjustable		
Steel chute		
Operator's stand		
Ergonomic operator's stand with optimum view of the paving process		
Control panel 1 for setting up the machine according to the field		
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	•	•
Ergonomic operation on two control panels with clear language-independent symbols		
One of the control panels can be stored in the engine station; the second control panel be protected against vandalism and weather using lockable covers	•	•
Concrete equipment for offset paving		
Offset paving mould up to 0.60 m wide (max. 0.40 m tall) (Note form TEI#2170960)		
Others		
Machine preparation for installing the control unit for WITOS FleetView. "WIRTGEN Road Technologies Telematics and on-site Solutions" (WITOS) is the intelligent telematics system of the WIRTGEN Road Technologies for efficient fleet and service management worldwide.	-	•
Large tool package in lockable tool box		
Extensive safety package with EMERGENCY STOP switches		
Filling of the machine hydraulics with mineral hydraulic oil		
Paint standard cream white RAL 9001		
Lighting package with 3 halogen spotlights, 24 V		

Optional equipment

	SP 61	SP 61i
Main frame and height adjustment		
Chassis components for continuous hydraulic telescoping by 1.75 m		
Crawler unit and crawler unit connections		
Three crawler unit tracks type B0 with polyurethane track pads		
Version with four crawler units type B0 with 1,000 mm height adjustment, 300 mm wide		
Version with four crawler unit tracks type B0 with polyurethane track pads		
Version with two manually slewing front crawler unit connections		
Version with one hydraulically slewing front crawler unit connection		
Version with two hydraulically slewing front crawler unit connections		
Machine control and levelling and steering	1	
Cylinder steering for machine eqiupped with 4 crawler units type B0		
Slab tracer, 2 pcs		
Slab tracer, 4 pcs		
Control unit for manual crawler unit steering		
Pre-equipment for 3D levelling		
Vibration		
Hydraulic vibrator drive offset for max. 12 vibrators		
Electric vibrator drive with 40 kVA generator for max. 18 vibrators		
2x straight vibrators D66, electrically driven		
Straight vibrator D66, hydraulically driven		
Straight vibrator D66, electrically driven		
Concrete spreading for offset paving		
Belt conveyor 6.00 m x 0.60 m, folding, with reversible hydraulic drive, hydraulically adjustable		
Auger conveyor 4.60 m x 0.40 m with reversible hydraulic drive, hydraulically adjustable		
Auger conveyor 5.70 m x 0.40 m with reversible hydraulic drive, hydraulically adjustable		
Steel/rubber chute		
Concrete equipment for offset paving		
Offset paving mould from 0.60 m to 1.20 m wide (max. 0.40 m tall). (Note form TEI#2170960)		
Offset paving mould from 1.20 m to 1.80 m wide (max. 0.40 m tall). (Note form TEI#2170960)		
Offset mould board up to 0.90 m tall (max. 0.60 m base width), incl. hopper. (Note form TEI#2170960)		
Offset mould board up to 1.20 m tall (max. 0.60 m base width), incl. hopper. (Note form TEI#2170960)		
Split offset paving mould up to 0.60 m wide (max. 0.40 m tall). (Note form TEI#2170960)		
Split offset paving mould from 0.60 m to 1.20 m wide (max. 0.40 m tall). (Note form TEI#2170960)		

Standard equipment

= Standard equipment, replaceable with optional equipment

= Optional equipment

	SP 61	SP 61i
Offset trimmer		
Trimmer, basic width, 0.60 m, left-hand mounting		
Trimmer - extension, 0.20 m wide, left-hand mounting		
Trimmer - extension, 0.40 m wide, left-hand mounting		
Trimmer, basic width, 0.60 m, right-hand mounting		
Trimmer - extension, 0.20 m wide, right-hand mounting		
Trimmer - extension, 0.40 m wide, right-hand mounting		
Operator's stand		
Weather canopy for operator's stand, manually folding		
Others		
Paint in one special colour (RAL)		
Paint in two special colours (RAL)		
Paint in maximum two special colours with substructure in special colour (RAL)		
Lighting package with 4 halogen spotlights, 24 V		
High-performance lighting package with 6 LED spotlights, 24 V		
High-performance lighting package with 8 LED spotlights, 24 V		
Hydraulic high-pressure water cleaner unit, 500 l steel tank		
Additional electrical water pump 24 V with 10.00 m hose and spray gun with handle		
Additional water tank steel, 500 l additionally		
Self-levelling for transporting		
Rotary beacon halogen 24 V with magnet base		
Flashing light 24 V with magnet base		
Paving Plus package		
Additional control unit for setting the crawler units		
Wire tensioning system, complete with 1,000 m steel wire		
Second tensioning winch for levelling the machine using two wire ropes		
Wire tensioning system, complete with 4x 300 m nylon rope		
Radius kit, fibreglass rod as guide wire replacement on corners with different radii		
WITOS FleetView telematics system incl. 3-year operating period	-	
Daily rate for startup		
Export packing		

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



WIRTGEN GmbH

Reinhard-Wirtgen-Str. 2 · 53578 Windhagen · Germany Phone: +49 (0)2645/131-0 · Fax: +49 (0)2645/131-392 Internet: www.wirtgen.com · E-Mail: info@wirtgen.com