



SLIPFORM PAVER
SPX SERIES

(Concrete Slip-form Paver)



AJAX Concrete Slip-Form Paver wins **EXCELLENCE IN ENGINEERING DESIGN**2021 AWARD



SLIP-FORM PAVER

SPX SERIES

AJAX is renowned for its in-house engineering expertise and is proud to introduce the first Slip-Form Paver designed, engineered and manufactured in India.

It is a versatile machine for concrete paving projects and is the best solution for your paving needs.

PAVER		
Model	Paving Width	
SPX 754	3.5 - 7.5 m	
SPX 1204	5 - 12 m	

HIGHLIGHTS OF SPX SERIES

Heavy duty
design for
High quality paving,
concrete slabs ranging
from 3.5-12M ensures
high productivity

High Frequency
Electrical vibrators,
ensures optimum
consolidation of
concrete

Self-loading
DBI unit,
benefits customer with
quick dismantling,
loading & unloading
of the unit



Flexibility & ease of operation,

different steering modes suiting the job site conditions for paving and transportation

Powerful & fuelefficient diesel engine for optimum paving performance

PERFECT PAVING QUALITY

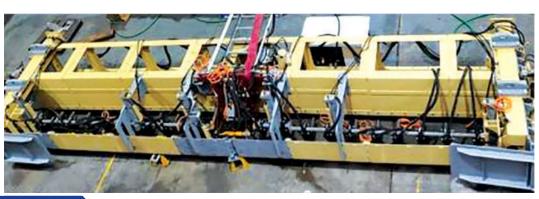
We at Ajax believe not only in building quality machine but also perfect paving quality performance during the construction of concrete pavement. With heavy-duty design robust structures, efficient hydraulic system combined with Intelligent control system, paving efficiency and ease of operation, the Ajax Slip form pavers is the ideal partner for medium & large-scale projects in Paving widths from 3.5 m up to 12 m.



Spreading plough for uniform spreading of concrete for the entire paving width.

Strike-off plate to control the material flow into the vibration chamber.





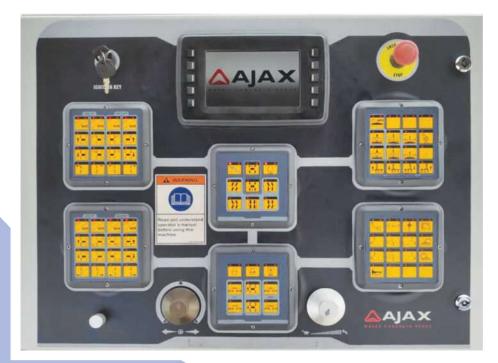
The compacted concrete is given initial geometric shape & size by heavy duty sectionalised Paving mould.

Proportional Electro-hydraulic Height & Steering

Sensors by means of controllers for precision & achieving results within the tolerances.

INTELLIGENT CONTROL SYSTEM

The control system is indigenously developed with a network of controllers for performing and controlling all functions.



Ergonomically

designed dashboard with keypads grouped in a structured manner for easy Identification and operation.

7" full color display with easily understandable text and graphics for monitoring & diagnostics.





This system is based on **CAN-bus**, which represents the state of the art in electronic vehicle equipment and therefore guarantees maximum system safety. Furthermore, it facilitates the system's central operation and due to its modular design, its ability for expansion.

TECHNICAL SPEC

DIESEL ENCINE Manufacturer CATERPILLAR CATERPILLAR Type	DESCRIPTION	SPX 754	SPX 1204
Type	DIESEL ENGINE		
Cooling WATER WATER Qty. of Cylinders 6 6 Rated Output 168 / 225 (kW / hp) 240 / 325 (kW / hp) Speed 2000 rpm 2000 rpm Displacement 7013 cc 8800 cc CONCRETE PAVING KIT Working Width 3.5 - 7.5 m 5 - 12 m Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm	Manufacturer	CATERPILLAR	CATERPILLAR
Qty. of Cylinders 6 6 Rated Output 168 / 225 (kW / hp) 240 / 325 (kW / hp) Speed 2000 rpm 2000 rpm Displacement 7013 cc 8800 cc CONCRETE PAVING KIT Working Width 3.5 - 7.5 m 5 - 12 m Paving Thickness Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm Up to 500 mm 0 - 10 m / min 0 - 25 m / min Electric Vibrators 24 4 4 Crawler Unit 110 V AC, 3 Phase, 200 Hz	Туре	C7.1	C9
Rated Output 168 / 225 (kW / hp) 240 / 325 (kW / hp) Speed 2000 rpm 2000 rpm Displacement 7013 cc 8800 cc CONCRETE PAVING KIT Working Width 3.5 - 7.5 m 5 - 12 m Paving Thickness Up to 500 mm Up to 500 mm Transverse Camber 0 - 3% 0 - 3% ADVANCE DRIVE Working Speed 0 - 7 m / min 0 - 10 m / min Traveling Speed 0 - 20 m / min 0 - 25 m / min ELECTRICAL SYSTEM Voltage 24V DC 24V DC Electric Vibrators 110 V AC. 3 Phase, 200 Hz 110 V AC. 3 Phase, 200 Hz CRAWLER UNITS No. of Tracks 4 4 4 Crawler Unit from (L x W) 2095 x 305 mm 2415 x 400 mm 2415 x 400 mm Stroke of Leveling Cylinders 1100 mm 1000 mm 1000 mm FILLING CAPACITIES Fuel Tank 400 L 600 L 500 L 500 L 500 L 500 L <td>Cooling</td> <td>WATER</td> <td>WATER</td>	Cooling	WATER	WATER
Displacement	Qty. of Cylinders	6	6
Displacement	Rated Output	168 / 225 (kW / hp)	240 / 325 (kW / hp)
CONCRETE PAVING KIT Working Width 3.5 - 7.5 m 5 - 12 m Paving Thickness Up to 500 mm Up to 500 mm Transverse Camber 0 - 3% 0 - 3% ADVANCE DRIVE Working Speed 0 - 7 m / min 0 - 10 m / min Working Speed 0 - 20 m / min 0 - 25 m / min ELECTRICAL SYSTEM 24V DC 24V DC Voltage 24V DC 110 V AC, 3 Phase, 200 Hz CRAWLER UNITS 110 V AC, 3 Phase, 200 Hz No. of Tracks 4 4 Crawler Unit from (L x W) 2095 x 305 mm 2415 x 400 mm Stroke of Leveling Cylinders 1100 mm 1000 mm FILLING CAPACITIES 1100 mm 1000 mm FILLING CAPACITIES 400 L 600 L Hydraulic Oil Tank 580 L 760 L Water Tank 500 + 500 L 500 + 500 L VIBRATION UNIT Electric Electric Vibration Electric Electric Slipform Poker Vibrators 24 32 Electric all Drive Power 60 kVA	Speed	2000 rpm	2000 rpm
Working Width 3.5 - 7.5 m 5 - 12 m Paving Thickness Up to 500 mm Up to 500 mm Transverse Camber 0 - 3% 0 - 3% ADVANCE DRIVE 0 - 7 m / min 0 - 10 m / min Working Speed 0 - 7 m / min 0 - 25 m / min ELECTRICAL SYSTEM 0 - 20 m / min 0 - 25 m / min Voltage 24V DC 24V DC Electric Vibrators 110 V AC, 3 Phase, 200 Hz CRAWLER UNITS 4 4 No. of Tracks 4 4 Crawler Unit from (L x W) 2095 x 305 mm 2415 x 400 mm Stroke of Leveling Cylinders 1100 mm 1000 mm FILLING CAPACITIES 400 L 600 L Fuel Tank 400 L 600 L Hydraulic Oil Tank 580 L 760 L Water Tank 500 + 500 L 500 + 500 L VIBRATION UNIT Electric Electric Vibration Electric Curved (D76) Qty. of Poker Vibrators 24 32 Electrical Drive Power 60 kVA <td>Displacement</td> <td>7013 cc</td> <td>8800 cc</td>	Displacement	7013 cc	8800 cc
Paving Thickness Up to 500 mm Up to 500 mm Transverse Camber 0 - 3% 0 - 3% ADVANCE DRIVE Working Speed 0 - 7 m / min 0 - 10 m / min Working Speed 0 - 20 m / min 0 - 25 m / min ELECTRICAL SYSTEM 24V DC 24V DC Voltage 24V DC 110 V AC, 3 Phase, 200 Hz Electric Vibrators 4 4 CRAWLER UNITS 4 4 No. of Tracks 4 4 Crawler Unit from (L x W) 2095 x 305 mm 2415 x 400 mm Stroke of Leveling Cylinders 1100 mm 1000 mm FILLING CAPACITIES 400 L 600 L Fuel Tank 400 L 600 L Hydraulic Oil Tank 580 L 760 L Water Tank 500 + 500 L 500 + 500 L VIBRATION UNIT Electric Electric Slipform Poker Vibrators 24 32 Electrical Drive Power 60 kVA 80 kVA Operational Weight 48000 kg 78000 kg TRANSPORTAT	CONCRETE PAVING KIT		
Transverse Camber 0 - 3% 0 - 3%	Working Width	3.5 - 7.5 m	5 - 12 m
ADVANCE DRIVE Working Speed 0 - 7 m / min 0 - 10 m / min Traveling Speed 0 - 20 m / min 0 - 25 m / min ELECTRICAL SYSTEM Voltage 24V DC 24V DC Electric Vibrators 110 V AC, 3 Phase, 200 Hz 110 V AC, 3 Phase, 200 Hz CRAWLER UNITS No. of Tracks 4 4 Crawler Unit from (L x W) 2095 x 305 mm 2415 x 400 mm Stroke of Leveling Cylinders 1100 mm 1000 mm FILLING CAPACITIES 400 L 600 L Fuel Tank 400 L 600 L Hydraulic Oil Tank 580 L 760 L ViBRATION UNIT 500 + 500 L 500 + 500 L VIBRATION UNIT Curved (D76) Curved (D76) Qty. of Poker Vibrators 24 32 Electrical Drive Power 60 kVA 80 kVA Operational Weight 48000 kg 78000 kg TRANSPORTATION DIMENSIONS 11590 x 3560 x 3500° mm Basic Machine Min. (L x W x H) 15590 x 3560 x 3500° mm	Paving Thickness	Up to 500 mm	Up to 500 mm
Working Speed 0 - 7 m / min 0 - 10 m / min Traveling Speed 0 - 20 m / min 0 - 25 m / min ELECTRICAL SYSTEM Voltage 24V DC 24V DC Electric Vibrators 110 V AC, 3 Phase, 200 Hz 110 V AC, 3 Phase, 200 Hz CRAWLER UNITS No. of Tracks 4 4 Crawler Unit from (L x W) 2095 x 305 mm 2415 x 400 mm Stroke of Leveling Cylinders 1100 mm 1000 mm FILLING CAPACITIES Fuel Tank 400 L 600 L Hydraulic Oil Tank 580 L 760 L Water Tank 500 + 500 L 500 + 500 L VIBRATION UNIT Vibration Electric Electric Slipform Poker Vibrators 24 32 Electrical Drive Power 60 kVA 80 kVA Operational Weight 48000 kg 78000 kg TRANSPORTATION DIMENSIONS Basic Machine Min. (L x W x H) 13520 x 3100 x 3150 mm 11590 x 3560 x 3500* mm 15590 x 3560 x 3500	Transverse Camber	0 - 3%	0 - 3%
Traveling Speed 0 - 20 m / min 0 - 25 m / min	ADVANCE DRIVE		
Voltage	Working Speed	0 - 7 m / min	0 - 10 m / min
Voltage 24V DC 24V DC Electric Vibrators 110 V AC, 3 Phase, 200 Hz 110 V AC, 3 Phase, 200 Hz CRAWLER UNITS 4 4 No. of Tracks 4 4 Crawler Unit from (L x W) 2095 x 305 mm 2415 x 400 mm Stroke of Leveling Cylinders 1100 mm 1000 mm FILLING CAPACITIES 400 L 600 L Fuel Tank 400 L 600 L Hydraulic Oil Tank 580 L 760 L Water Tank 500 + 500 L 500 + 500 L VIBRATION UNIT Electric Electric Vibration Electric Curved (D76) Qty. of Poker Vibrators 24 32 Electrical Drive Power 60 kVA 80 kVA Operational Weight 48000 kg 78000 kg TRANSPORTATION DIMENSIONS 13520 x 3100 x 3150 mm 11590 x 3560 x 3500* mm Basic Machine Min. (L x W x H) 15590 x 3560 x 3500* mm	Traveling Speed	0 - 20 m / min	0 - 25 m / min
The color of the	ELECTRICAL SYSTEM		
CRAWLER UNITS No. of Tracks 4 4 Crawler Unit from (L x W) 2095 x 305 mm 2415 x 400 mm Stroke of Leveling Cylinders 1100 mm 1000 mm FILLING CAPACITIES Fuel Tank 400 L 600 L Hydraulic Oil Tank 580 L 760 L Water Tank 500 + 500 L 500 + 500 L VIBRATION UNIT Electric Electric Slipform Poker Vibrator Curved (D76) Curved (D76) Qty. of Poker Vibrators 24 32 Electrical Drive Power 60 kVA 80 kVA Operational Weight 48000 kg 78000 kg TRANSPORTATION DIMENSIONS 13520 x 3100 x 3150 mm 11590 x 3560 x 3500* mm Basic Machine Min. (L x W x H) 15590 x 3560 x 3500* mm	Voltage	24V DC	24V DC
No. of Tracks 4 4 Crawler Unit from (L x W) 2095 x 305 mm 2415 x 400 mm Stroke of Leveling Cylinders 1100 mm 1000 mm FILLING CAPACITIES Fuel Tank 400 L 600 L Hydraulic Oil Tank 580 L 760 L Water Tank 500 + 500 L 500 + 500 L VIBRATION UNIT Vibration Electric Electric Slipform Poker Vibrator Curved (D76) Curved (D76) Qty. of Poker Vibrators 24 32 Electrical Drive Power 60 kVA 80 kVA Operational Weight 48000 kg 78000 kg TRANSPORTATION DIMENSIONS 13520 x 3100 x 3150 mm 11590 x 3560 x 3500* mm Basic Machine Min. (L x W x H) 15590 x 3560 x 3500* mm	Electric Vibrators	110 V AC, 3 Phase, 200 Hz	110 V AC, 3 Phase, 200 Hz
Crawler Unit from (L x W) 2095 x 305 mm 2415 x 400 mm Stroke of Leveling Cylinders 1100 mm 1000 mm FILLING CAPACITIES 400 L 600 L Fuel Tank 580 L 760 L Water Tank 500 + 500 L 500 + 500 L VIBRATION UNIT Electric Electric Slipform Poker Vibrator Curved (D76) Curved (D76) Qty. of Poker Vibrators 24 32 Electrical Drive Power 60 kVA 80 kVA Operational Weight 48000 kg 78000 kg TRANSPORTATION DIMENSIONS 13520 x 3100 x 3150 mm 11590 x 3560 x 3500* mm Basic Machine Min. (L x W x H) 15590 x 3560 x 3500* mm	CRAWLER UNITS		
Stroke of Leveling Cylinders 1100 mm 1000 mm FILLING CAPACITIES 400 L 600 L Fuel Tank 400 L 600 L Hydraulic Oil Tank 580 L 760 L Water Tank 500 + 500 L 500 + 500 L VIBRATION UNIT Electric Electric Vibration Electric Curved (D76) Qty. of Poker Vibrators 24 32 Electrical Drive Power 60 kVA 80 kVA Operational Weight 48000 kg 78000 kg TRANSPORTATION DIMENSIONS 13520 x 3100 x 3150 mm 11590 x 3560 x 3500* mm Basic Machine Min. (L x W x H) 13520 x 3100 x 3150 mm 11590 x 3560 x 3500* mm	No. of Tracks	4	4
FILLING CAPACITIES Fuel Tank 400 L 600 L Hydraulic Oil Tank 580 L 760 L Water Tank 500 + 500 L 500 + 500 L VIBRATION UNIT Electric Electric Slipform Poker Vibrator Curved (D76) Curved (D76) Qty. of Poker Vibrators 24 32 Electrical Drive Power 60 kVA 80 kVA Operational Weight 48000 kg 78000 kg TRANSPORTATION DIMENSIONS 13520 x 3100 x 3150 mm 11590 x 3560 x 3500* mm Basic Machine Min. (L x W x H) 13520 x 3100 x 3150 mm 11590 x 3560 x 3500* mm	Crawler Unit from (L x W)	2095 x 305 mm	2415 x 400 mm
Fuel Tank 400 L 600 L Hydraulic Oil Tank 580 L 760 L Water Tank 500 + 500 L 500 + 500 L VIBRATION UNIT Vibration Electric Electric Slipform Poker Vibrator Curved (D76) Curved (D76) Qty. of Poker Vibrators 24 32 Electrical Drive Power 60 kVA 80 kVA Operational Weight 48000 kg 78000 kg TRANSPORTATION DIMENSIONS 13520 x 3100 x 3150 mm 11590 x 3560 x 3500* mm Basic Machine Min. (L x W x H) 13520 x 3100 x 3150 mm 11590 x 3560 x 3500* mm	Stroke of Leveling Cylinders	1100 mm	1000 mm
Hydraulic Oil Tank 580 L 760 L Water Tank 500 + 500 L 500 + 500 L VIBRATION UNIT Electric Electric Vibration Electric Curved (D76) Slipform Poker Vibrator Curved (D76) Curved (D76) Qty. of Poker Vibrators 24 32 Electrical Drive Power 60 kVA 80 kVA Operational Weight 48000 kg 78000 kg TRANSPORTATION DIMENSIONS 13520 x 3100 x 3150 mm 11590 x 3560 x 3500* mm Basic Machine Min. (L x W x H) 15590 x 3560 x 3500** mm	FILLING CAPACITIES		
Water Tank VIBRATION UNIT Vibration Electric Curved (D76) Qty. of Poker Vibrators Electrical Drive Power Operational Weight TRANSPORTATION DIMENSIONS Basic Machine Min. (L x W x H) Basic Machine Min. (L x W x H) Slipform Poker Vibrator Curved (D76) Curved (D76) Curved (D76) Curved (D76) A 32 Blectrical Drive Power A 48000 kg T8000 kg T1590 x 3560 x 3500** mm T1590 x 3560 x 3500** mm	Fuel Tank	400 L	600 L
VibrationElectricElectricSlipform Poker VibratorCurved (D76)Curved (D76)Qty. of Poker Vibrators2432Electrical Drive Power60 kVA80 kVAOperational Weight48000 kg78000 kgTRANSPORTATION DIMENSIONSBasic Machine Min. (L x W x H)13520 x 3100 x 3150 mm11590 x 3560 x 3500** mmBasic Machine Min. (L x W x H)15590 x 3560 x 3500*** mm	Hydraulic Oil Tank	580 L	760 L
VibrationElectricElectricSlipform Poker VibratorCurved (D76)Curved (D76)Qty. of Poker Vibrators2432Electrical Drive Power60 kVA80 kVAOperational Weight48000 kg78000 kgTRANSPORTATION DIMENSIONSBasic Machine Min. (L x W x H)13520 x 3100 x 3150 mm11590 x 3560 x 3500* mmBasic Machine Min. (L x W x H)15590 x 3560 x 3500** mm	Water Tank	500 + 500 L	500 + 500 L
Slipform Poker Vibrator Qty. of Poker Vibrators 24 32 Electrical Drive Power 60 kVA Operational Weight TRANSPORTATION DIMENSIONS Basic Machine Min. (L x W x H) Basic Machine Min. (L x W x H) Curved (D76) Curved (D76) 48000 kg 78000 kg 78000 kg 11590 x 3560 x 3500* mm 15590 x 3560 x 3500** mm	VIBRATION UNIT		
Qty. of Poker Vibrators 24 32 Electrical Drive Power 60 kVA 80 kVA Operational Weight 48000 kg 78000 kg TRANSPORTATION DIMENSIONS 13520 x 3100 x 3150 mm 11590 x 3560 x 3500* mm Basic Machine Min. (L x W x H) 15590 x 3560 x 3500** mm	Vibration	Electric	Electric
Electrical Drive Power 60 kVA 80 kVA Operational Weight 48000 kg 78000 kg TRANSPORTATION DIMENSIONS 13520 x 3100 x 3150 mm 11590 x 3560 x 3500* mm Basic Machine Min. (L x W x H) 15590 x 3560 x 3500** mm	Slipform Poker Vibrator	Curved (D76)	Curved (D76)
Operational Weight 48000 kg 78000 kg TRANSPORTATION DIMENSIONS 13520 x 3100 x 3150 mm 11590 x 3560 x 3500* mm Basic Machine Min. (L x W x H) 15590 x 3560 x 3500** mm	Qty. of Poker Vibrators	24	32
TRANSPORTATION DIMENSIONS Basic Machine Min. (L x W x H) 13520 x 3100 x 3150 mm 11590 x 3560 x 3500* mm Basic Machine Min. (L x W x H) 15590 x 3560 x 3500** mm	Electrical Drive Power	60 kVA	80 kVA
Basic Machine Min. (L x W x H) 13520 x 3100 x 3150 mm 11590 x 3560 x 3500* mm Basic Machine Min. (L x W x H) 15590 x 3560 x 3500** mm	Operational Weight	48000 kg	78000 kg
Basic Machine Min. (L x W x H) 15590 x 3560 x 3500** mm	TRANSPORTATION DIMENSIONS		
	Basic Machine Min. (L x W x H)	13520 x 3100 x 3150 mm	11590 x 3560 x 3500* mm
* 5m Paving width, **9m Paving width	Basic Machine Min. (L x W x H)		15590 x 3560 x 3500** mm
	* 5m Paving width, **9m Paving width		

UNPARALLELED NETWORK IN AJAX Headquarters CONCRETING INDUSTRY Regional & Area Offices Dealer Offices Dealer Touch Points A Srinagar **Factory** A Jammu Chandigarh • Delhi Noida Arunachal Kathmandu Thimphu Pradesh **C** Gorakhpur Jaipur ____ Lucknow **A** Jodhpur Guwahati Assam A Patna **A** Varanasi **A** Udaipur Ranchi ____ Jabalpur Bhopal A A Indore Kolkata A Raipur A Nagpur Surat Bhubaneshwar Mumbai 🛆 🛆 Hyderabad Vijaywada **AUTHORISED DEALER** Hubballi • Kadapa 35+ Bengaluru Dealer Chennai Locations Madura Kochi *Specifications are subject to change without prior notice, Product shown herein may include optional scope of supply. T&C Apply. **Touch Points** AJAX

















