

AJAX Engineering Pvt. Ltd.

REGISTERED OFFICE

#253/1, 11th Main, 3rd Phase, Peenya Industrial Area, Bengaluru 560 058, India.
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REGIONAL OFFICES

Southern Region

Plot No. 8/1, A2, Road No. 9, IP Nacharam, Uppal Madal, Ranga Reddy Dist. Hyderabad – 500 076, Telangana, India
Tele Fax: +91 40 2717 4175
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Eastern Region

No. 5, First Floor, Identity Building 38, Gariahat Road South, Kolkata – 700 031, West Bengal, India
Email: east@ajax-engg.com

Central Region

No. 208, Vikram Urbane, 25-A, Mechanic Nagar Extension, Scheme No.-54, Indore – 452 010, Madhya Pradesh, India
Tele Fax: 0731 – 4027628
Email: center@ajax-engg.com

Northern Region

No. C 27, First Floor, Sai Chowk, Madhu Vihar (Near Hasanpur, DTC Bus Depot), I P Extn. Delhi – 110 092
T: +91 91 11 4241 8628
Email: north@ajax-engg.com

Western Region

Unit No.808 & 809, 8th Floor, I-Think, Lodha Supremus Road No.22, Besides New Passport Office, T Wagle Estate, Thane – 400 604
Telefax: +91 22 2541 2561
Email: west@ajax-engg.com

MANUFACTURING PLANTS

Factory 1

Plot Nos. 149, 150 & 151, KIADB Industrial Area, Phase III, Obedenahalli Village, Kasaba Hobli, Doddaballapur, Bengaluru -561 203, Karnataka, India

Factory 2

Plot Nos. 3,16 & 17, KIADB Industrial Area, Bashettyhalli, Doddaballapur Taluk, Bengaluru – 561 203, Karnataka, India
T: +91 80 6720 1135

Factory 3

Plot Nos: IP 9-11, 17 & 18, Gowribidanur Industrial Area, Kudumalkunte Village, Gowribidanur – 561 208, Karnataka, India

AUTHORISED DEALER



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SLIP-FORM PAVER SPX SERIES

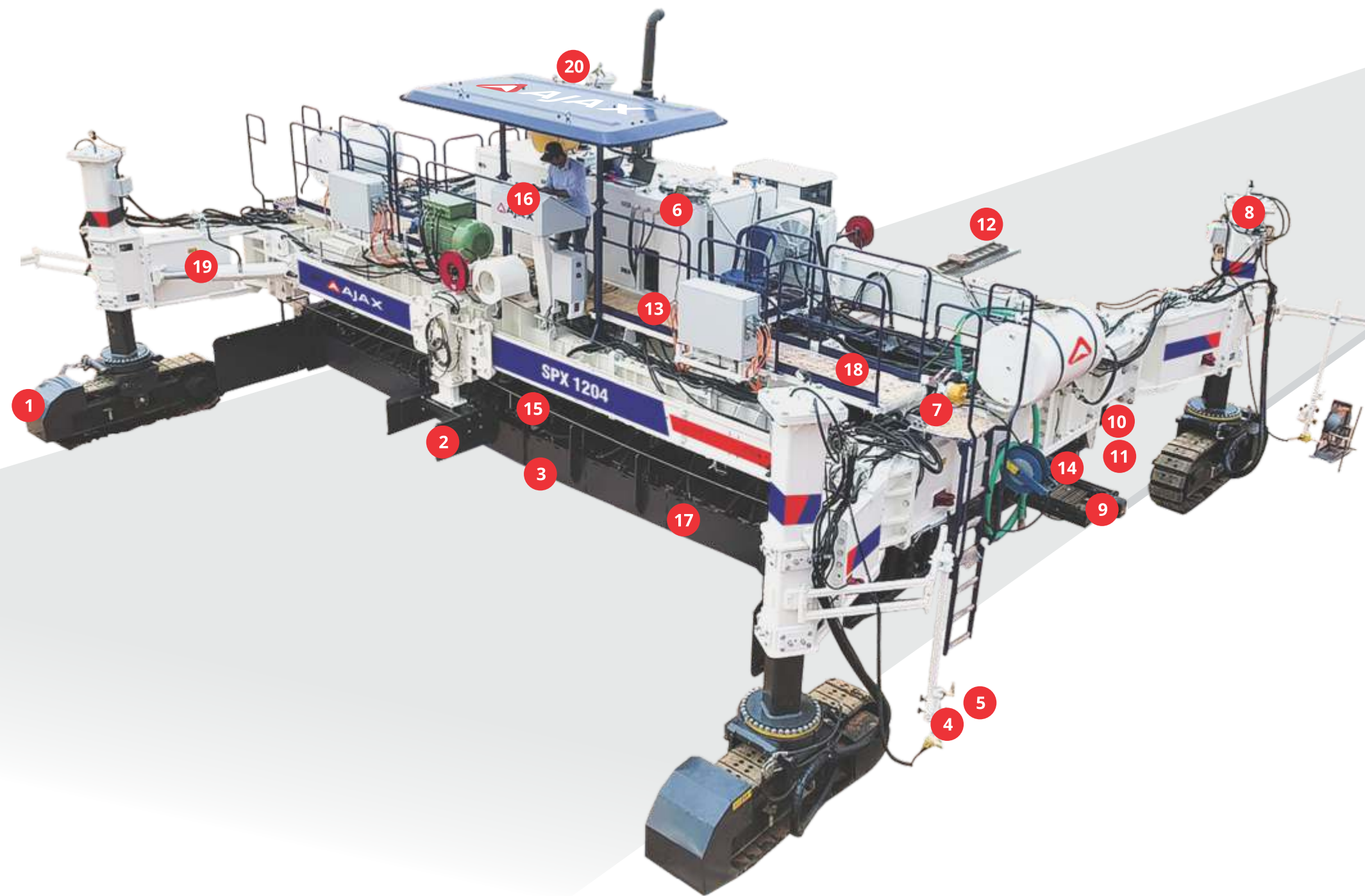


SPX 754 - 2.5 - 7.5 m
SPX 1204 - 5 - 12 m

**The only Indian Company to
Design & Manufacture
Concrete Slip-Form Paver**

**MADE IN
INDIA**
MADE FOR THE WORLD

Slip-Form Paver Characteristics

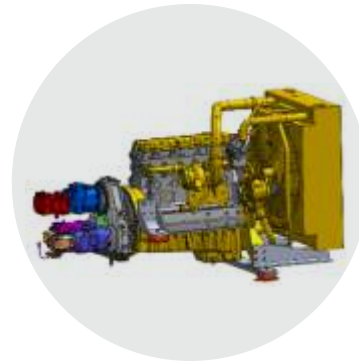


- | | | | |
|----------------------------|--|-----------------------------|--|
| 1 Track with Slewing Drive | 6 Hydraulic System with Pump Drive & Six Pumps | 11 Side Tie Bar Inserter | 16 HMI - Control system, Electrical CAN Bus System |
| 2 Spreader Plough | 7 Low Pressure Water Pump | 12 Supersmoother | 17 Poker Vibrator |
| 3 Strike Off Bar | 8 Proportional Valves | 13 Walkway with Grating | 18 Operator's Platform with Ladder |
| 4 Leveling Sensors | 9 Dowel Bar Inserter (DBI) | 14 External Vibrator | 19 Swing Legs for Tracks Maneuverability |
| 5 Steering Sensors | 10 Oscillation Correction Beam (OCB) | 15 Central Tie bar Inserter | 20 Pendant Box with Emergency Stop on each Leg |

SALIENT FEATURES



USER FRIENDLY DASHBOARD
HMI - Control system,
Electrical CAN Bus System



HYDRAULIC SYSTEM
with Pump Drive &
Six Pumps. A three pad
pump drive with six pumps



TRACK WITH SLEWING DRIVE
Slewing drive for steering
of tracks. Tracks fitted with
Highly wear resistant
polyurethane pads



SPREADER PLOUGH
for spreading of concrete



DOWEL BAR INSERTER
Dowel bars are used for
increasing load transfer efficiency
between two slabs



SUPER SMOOTHER
for obtaining a smooth
surface finish



ELECTRICAL VIBRATORS
for consolidation of concrete



STEERING SENSORS
two steering sensors



PROPORTIONAL VALVE BLOCKS
for Steering, slewing & leveling, 4
LED lamps (2900 lumens) on all
four columns as standard



STRIKE OFF BAR
for removing excess
concrete



SIDE TIE BAR INSERTER
rear-mounted for holding
sides of rigid slabs in
contact maintaining
aggregate interlock



LEVELING SENSORS
Four leveling sensors



CLEANING SYSTEM
High pressure water cleaning
system with 20m Hose reel



LOW PRESSURE WATER PUMP
for filling water tank.



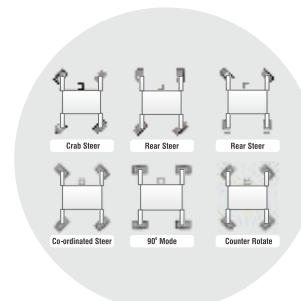
PAVING KIT
for leveling of concrete slab
at right elevation and
provide initial finishing



ONE CONTROL BOX
with emergency switch
on each leg



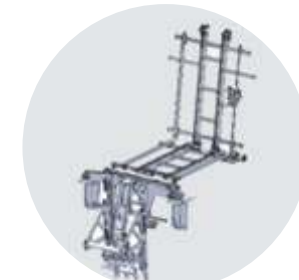
ACKERMAN STEERING MECHANISM
for working around
bends / radius.



PRE-PROGRAMMED STEERING MODES
Co-ordinated Steer, Front Steer,
Rear Steer, Crab Steer.



SWING LEGS
for moving the tracks
inwards or outwards for easy
adjustment as per site conditions



CENTRAL TIE BAR INSERTER
front-mounted for holding
faces of rigid slabs in contact
maintaining aggregate interlock



TRANSPORT MODE
Pre-programmed 90°,
Counter rotate and transport mode.



OSCILLATION CORRECTION BEAM
Oscillating movement for
removing the irregularities
caused by Dowel bar Insertion



TECHNICAL SPEC

Description	SPX 754	SPX 1204
DIESEL ENGINE		
Manufacturer	CATERPILLAR	CATERPILLAR
Type	C7.1	C9
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	2.5 - 7.5 m	5 - 12 m
Paving thickness	Up to 500 mm	Up to 500 mm
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	24 V DC	24 V 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 vibrator	Curved (D76)	Curved (D76)
Qty. of poker vibrators	24	32
Electrical Drive power	60 kVA	80 kVA
WEIGHT		
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
Basic machine min. (L x W x H)		15590 x 3560 x 3500** mm
* 5m Paving width, **9m Paving width		