



# RMC SERIES

SP1015 SP1407 SP1200 SP1420  
SP1400 SP1807 SP1807 RMC

Concrete  
Stationary Pump



RECORD BREAKING ENGINEERING



# SCHWING MANUFACTURING FACILITIES

SCHWING Stetter India, one of the largest manufacturers of concreting and construction equipment across the country, today inaugurated its 5th manufacturing facility in Cheyyar, Tamil Nadu. The state-of-the-art integrated facility of 52 acres comprising of 50,000 square metres of built up area will now become a Global Manufacturing hub for Schwing's concrete boom pumps, stationary pumps, self-loading mixers, shotcrete pumps, excavators, wheel loaders and motor graders.



The Global Manufacturing Hub also has space for creating future expansion and hydraulic excavator factory will be ready in the next three months to add a capacity of 7500 units per year. Presently, in this factory, SCHWING has increased production capacities, for example, pump by 50%, truck mounted boom pump by four times, Self-loading Mixers by five times and truck mixers and Batching Plant capacity to go up by two times.

#### **CORPORATE OFFICE & R&D CENTRE**

F71/72 SIPCOT INDUSTRIAL ESTATE, IRUNGATTUKOTTAI,  
SRIPERUMBUDUR, KANCHIPURAM DISTRICT - 602117,  
TAMIL NADU, INDIA.

#### **SERVICE CENTRE & TRUCK MIXER FACILITY**

F75 , SIPCOT INDUSTRIAL ESTATE, IRUNGATTUKOTTAI,  
SRIPERUMBUDUR, KANCHIPURAM DISTRICT - 602117,  
TAMIL NADU, INDIA.

#### **GLOBAL MANUFACTURING HUB**

SCHWING STETTER INDIA ,A8 SIPCOT INDUSTRIAL PARK,  
CHEYYAR - KANCHIPURAM RD , CHOLAVARAM,  
TAMIL NADU 631701

#### **TRUCK MIXER FACILITY**

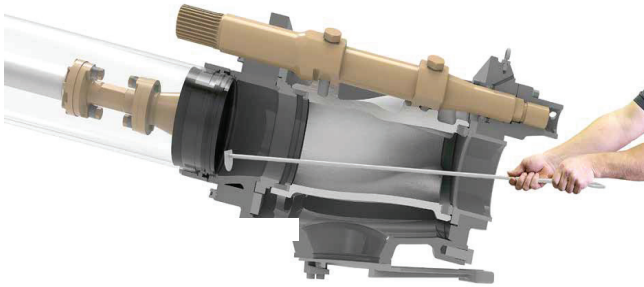
D6 , SIPCOT INDUSTRIAL ESTATE, IRUNGATTUKOTTAI,  
SRIPERUMBUDUR, KANCHIPURAM DISTRICT - 602117,  
TAMIL NADU, INDIA.

#### **BATCHING PLANT FACILITY**

G12 , SIPCOT INDUSTRIAL ESTATE, IRUNGATTUKOTTAI,  
SRIPERUMBUDUR, KANCHIPURAM DISTRICT - 602117,  
TAMIL NADU, INDIA.

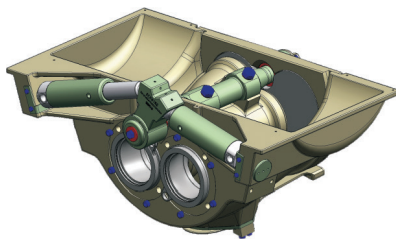
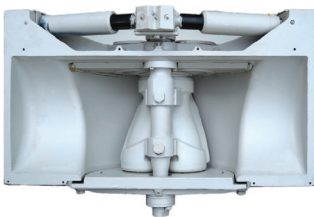
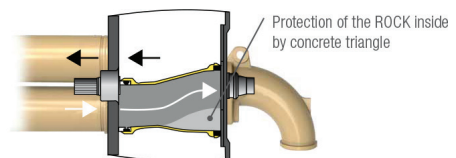
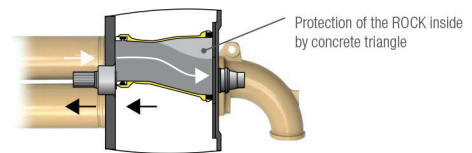
# ROCK VALVE

This rugged, reliable rock valve is highly suited for stiff, difficult mixes of concrete and ideal to use in combination with the long stroke pumping unit. All concrete pumps from SCHWING have a concrete valve, which is characterized by extremely low wear, a long service life and a very good cleaning ability



Due to its straight design, in comparison to other concrete valves, the ROCK valve is easier and quicker to clean. It also provides a direct view into the delivery cylinder and of the pumping pistons. The pump kit can therefore be cleaned easily and conveniently within just two strokes. This saves water and reduces the time needed for cleaning.

The wear in the concrete valve is particularly high as the concrete is fed into the outlet at high pressure. In order to minimize this wear, at the most heavily loaded point of the ROCK concrete does not rub on steel, but rather on concrete. This is because the intelligent design of the ROCK leads to the formation of a concrete triangle after each shift. Protected by this concrete layer, the ROCK has a significantly longer service life than other concrete valves. For noticeably more profit per m<sup>3</sup>.



The ROCK valve not only has a significantly longer service life than other concrete valves, it is also easier to maintain. After removing the housing cover, the wear parts are easily accessible and can be replaced quickly and safely. Time-consuming adjustment work is not required after replacement. And the number of wearing parts at 3 to 4 with the ROCK valve is just half as high as with other concrete valves. The maintenance of the ROCK valve: simple, fast and safe.

# FEATURES

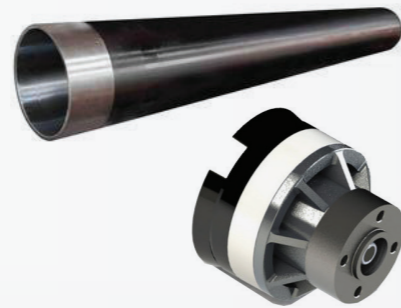
On construction sites around the world, The RMC series from SCHWING has been a central component of concrete logistics for decades. Proven technologies, such as the robust and easy-to-clean ROCK concrete valve and the SCHWING hydraulic components, guarantee high reliability, a strong output rate and low maintenance costs. In combination with the customer-oriented SCHWING service, the RMC series machines ensures more safety and efficiency in concrete pumping.

## PUMP KIT



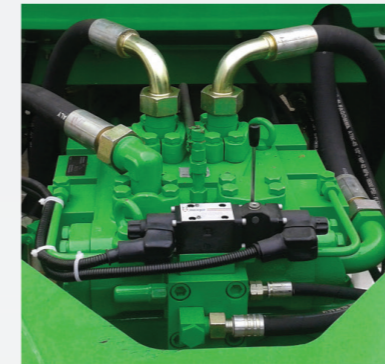
Using the powerful Pump Kit combo with Rod-side connection the high delivery rate will be achieved.

## PUMPING CYLINDER & SPLIT RAM



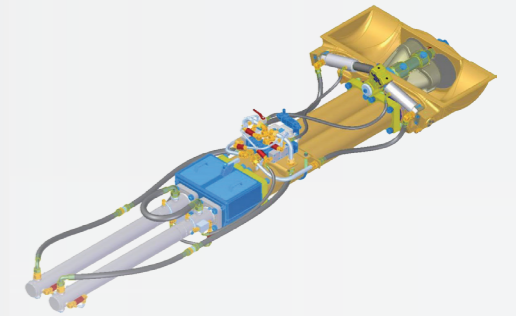
- Pumping Cylinder Wearability is increased through specialized material which gives longer life
- Split Ram provides easy serviceability, Which reduces service time

## SCHWING CONTROL TECHNOLOGY



Includes electric throttle & stroke limiter for precise volume control. FDR setup is provided as Optional for lower version concrete pump models.

## HIGH PRESSURE CONVERSION



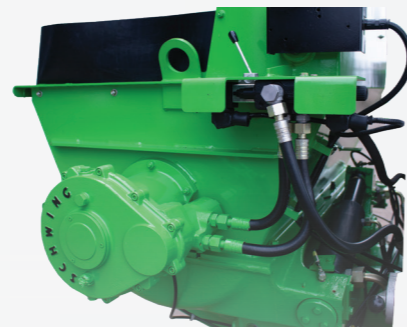
Symmetrical Switching equalizes pressures in the concrete pump for smoother, quieter operation. Hydraulic Switching for 100% suction and delivery

## HYDRAULIC OIL COOLER



Controls heat during continuous concrete pumping providing proven cooling performance. Open loop all-hydraulic concrete pump sets the standard for fuel-efficiency, reliability & performance.

## HOPPER & GEAR BOX FOR AGITATOR



Appropriate suction is possible only through large apertures. It keeps harsher mixes flowing to the cylinders. SCHWING Hopper is equipped with a grill secured by safety latches & a protective boundary.

## CABLE REMOTE CONTROL



It frees the operator to monitor pumping progress. Functions include pumping forward/reverse, pumping stop, agitator on/off

## LUBRICATION SYSTEM



The critical wear parts are lubricated regularly with the grease from central distributor system

# DATA SHEET



Designation	SP1015	
Weight	kg	3300
<b>Performance</b>	<b>Piston Sided</b>	<b>Rod Sided</b>
Pump kit	P1020	
Delivery cylinders (DN x stroke)	mm	200 x1000
Concrete output max.	m <sup>3</sup> /h	37 N/A
Pressure on concrete max.	bar	85 N/A
Stroke rate max.	1/min.	20 N/A
Concrete valve	RL ROCK	
<b>Hydraulic System</b>		
Design	Open System	
Hydraulic tank	Lts.	180
<b>Motor</b>		
Engine type	Diesel	Kirloskar HA394
Engine power	kW	35
Nominal speed	1/min.	2300
Fuel tank	Lts.	60

Designation	SP1200 D	
Weight	kg	3820
<b>Performance</b>	<b>Piston Sided</b>	<b>Rod Sided</b>
Pump kit	P1218	
Delivery cylinders (DN x stroke)	mm	180 x 1200
Concrete output max.	m <sup>3</sup> /h	N/A 49
Pressure on concrete max.	bar	N/A 64
Stroke rate max.	1/min.	N/A 27
Concrete valve	RL ROCK	
<b>Hydraulic System</b>		
Design	Open System	
Hydraulic tank	Lts.	210
<b>Motor</b>		
Engine type	Diesel	Kirloskar HA494
Engine power	kW	48.6
Nominal speed	1/min.	2100
Fuel tank	Lts.	65



Designation	SP1407	
Weight	kg	3400
<b>Performance</b>	<b>Piston Sided</b>	<b>Rod Sided</b>
Pump kit	P1020	
Delivery cylinders (DN x stroke)	mm	200 x1000
Concrete output max.	m <sup>3</sup> /h	38 57
Pressure on concrete max.	bar	85 54
Stroke rate max.	1/min.	20 30
Concrete valve	RL ROCK	
<b>Hydraulic System</b>		
Design	Open System	
Hydraulic tank	Lts.	180
<b>Motor</b>		
Engine type	Diesel	Kirloskar HA494
Engine power	kW	48.6
Nominal speed	1/min.	2300
Fuel tank	Lts.	60

Designation	SP1420	
Weight	kg	3600
<b>Performance</b>	<b>Piston Sided</b>	<b>Rod Sided</b>
Pump kit	P1420	
Delivery cylinders (DN x stroke)	mm	200 x 1400
Concrete output max.	m <sup>3</sup> /h	39 59
Pressure on concrete max.	bar	85 54
Stroke rate max.	1/min.	15 22
Concrete valve	RL ROCK	
<b>Hydraulic System</b>		
Design	Open System	
Hydraulic tank	Lts.	180
<b>Motor</b>		
Engine type	Diesel	Kirloskar HA494
Engine power	kW	48.6
Nominal speed	1/min.	2300
Fuel tank	Lts.	60

\* Towing chassis & axle designed for 25kmph

# DATA SHEET



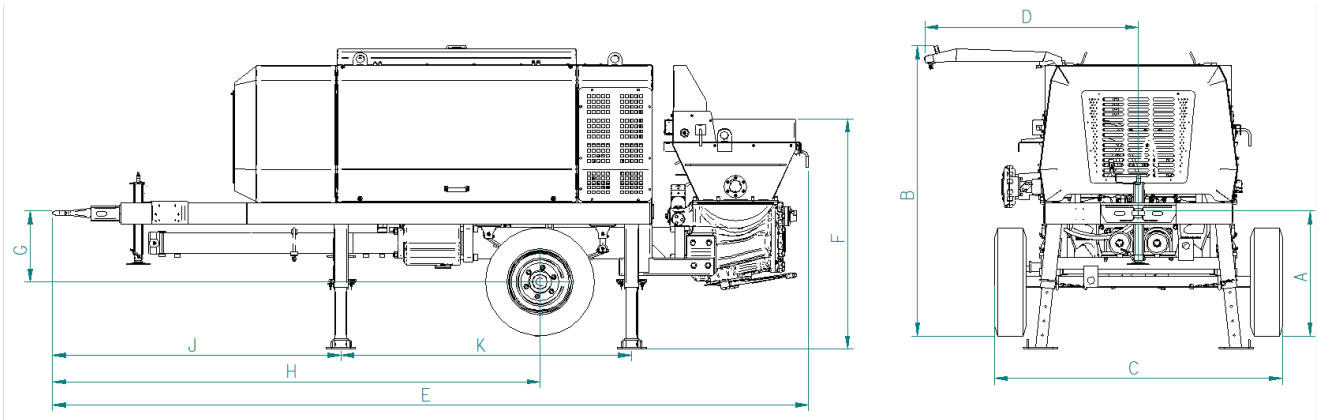
Designation		SP1400 D		Designation		SP1807	
Weight	kg	3900		Weight	kg	4600	
<b>Performance</b>		<b>Piston Sided</b>		<b>Piston Sided</b>		<b>Rod Sided</b>	
Pump kit		P1418		Pump kit		P1420	
Delivery cylinders (DN x stroke)	mm	180x1400		Delivery cylinders (DN x stroke)	mm	200 x 1400	
Concrete output max.	m <sup>3</sup> /h	34	51	Concrete output max.	m <sup>3</sup> /h	41	72
Pressure on concrete max.	bar	102	65	Pressure on concrete max.	bar	112	62
Stroke rate max.	1/min.	16	24	Stroke rate max.	1/min.	16	27
Concrete valve		RL ROCK		Concrete valve		RL ROCK	
<b>Hydraulic System</b>				<b>Hydraulic System</b>			
Design		Open System		Design		Open System	
Hydraulic tank	Lts.	210		Hydraulic tank	Lts.	210	
<b>Motor</b>				<b>Motor</b>			
Engine type	Diesel	Kirloskar HA494		Engine type	Diesel	Kirloskar HA694	
Engine power	kW	48.6		Engine power	kW	75	
Nominal speed	1/min.	2100		Nominal speed	1/min.	2100	
Fuel tank	Lts.	60		Fuel tank	Lts.	65	



Designation		SP1807 RMC			
Weight	kg	4600			
<b>Performance</b>		<b>Piston Sided</b>		<b>Rod Sided</b>	
Pump kit		P1418			
Delivery cylinders (DN x stroke)	mm	180 x1400			
Concrete output max.	m <sup>3</sup> /h	44	66		
Pressure on concrete max.	bar	105	67		
Stroke rate max.	1/min.	20	31		
Concrete valve		RL ROCK			
<b>Hydraulic System</b>					
Design		Open System			
Hydraulic tank	Lts.	210			
<b>Motor</b>					
Engine type	Diesel	Kirloskar HA694			
Engine power	kW	75			
Nominal speed	1/min.	2100			
Fuel tank	Lts.	65			

\* Towing chassis & axle designed for 25kmph

# TECHNICAL DRAWINGS



## DIMENSIONS

MODEL	~A	~B	~C	~D	~E	~F	~G	~H	~J	~K
SP1015	878	2098	1965	1480	4507	1590	503	2745	1730	1550
SP1407	867	2098	1995	1480	4507	1594	492	2670	1730	1550
SP1420	867	2098	1965	1480	4507	1590	492	3382	1996	2013
SP1200	867	2099	1960	1480	4935	1590	492	3145	1767	2013
SP1400	867	2098	1995	1480	5237	1594	492	3377	1996	2013
SP1807RMC	867	2096	1965	1480	5235	1594	492	3376	1996	2013
SP1807	867	2098	1995	1480	5235	1594	492	3376	1996	2013

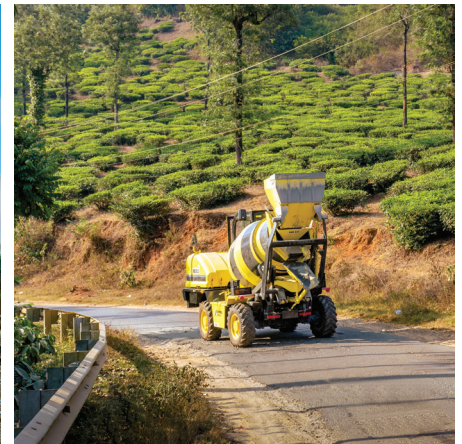
Note : All dimensions are in mm

# SITE IMAGES





# Total Concreting Solution from SCHWING



## Best in class machines for complete concreting needs

Concrete batching plants are the standard machines for producing the ready mix concrete that come in Mobile, compact and horizontal versions and can produce concrete from 18 cu.m/hr to 240 cu.m/hr that cater to the requirement of infrastructure developers and also act as an OEM supplier to various cement companies who offer ready mix concrete .

Our range of machines include the concrete mixer truck that ranges from 3 cu.m to 12 cu.m capacities , Concrete pumps , Boom pumps , Separate placing booms, Self loading mixer machines and the shotcrete pumps.

## Customer centric Innovations

SCHWING Stetter India has been able to retain its pole position with innovative products researched and developed in-house by our R&D team. In the last decade alone, we have launched close to 80 new products for the domestic as well as export markets. Our R&D activities are closely linked to customer feedback and market research. We understand the needs and wants of our customers and develop innovative solutions to solve their most pertinent problems. Few of our innovations include completely in-house designed and developed IoT solutions for all our equipment, data warehousing, analytics solutions and telemetry support, specialized shotcreting equipment for tunneling operations, advanced concrete valves for concrete pumps, long life truck mixer drums, structurally rigid batching plants which can even withstand type 2 cyclones etc.

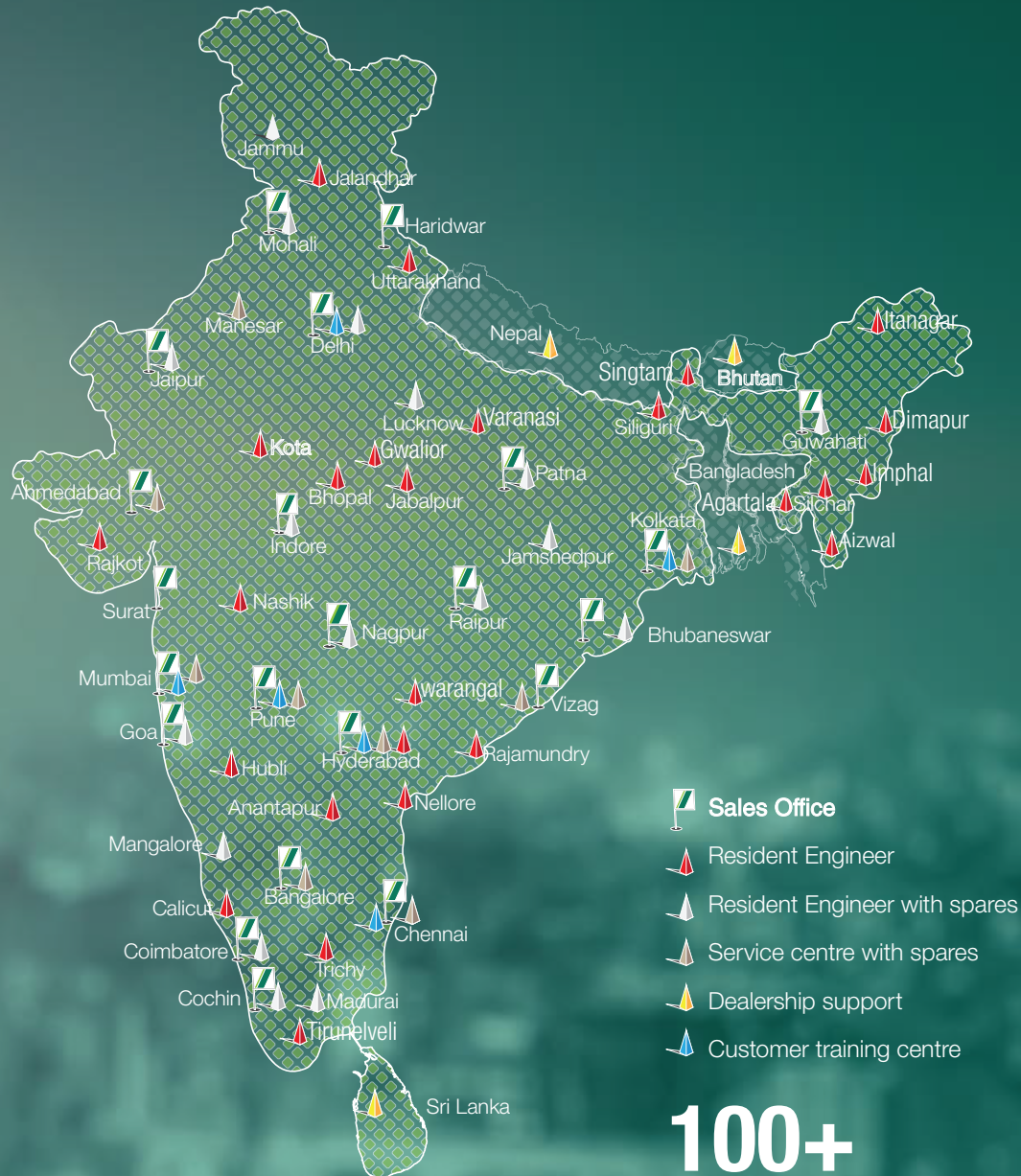
## Made in India for the World

To cater to the global construction equipment needs, SCHWING Stetter India's Global Manufacturing Hub houses the world class manufacturing facility which is all set to march ahead to set new milestones not only in the field of construction equipment manufacturing including the concrete pavers and crushers but also the earth moving machineries for every need.

Fuelled by smart and dedicated manufacturing facilities. This integrated facility combines physical with digital infrastructure that boosts the productivity levels to cater to the rapidly increasing customer demand for reliable equipment.

THINK CONSTRUCTION, THINK

# SCHWING STETTER



**26** All India Branches | **28** Spares Outlets | **9** Service Centres | **5** Manufacturing Factories | **6** Training Centres



# RECORD BREAKING ENGINEERING

## SCAN ME

Online Enquiry



For more complete information on **SCHWING's** products, services and industry solutions, visit us at [www.schwingstetterindia.com](http://www.schwingstetterindia.com). Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your SCHWING's Branch/dealer for available options



### SCHWING Stetter India Private Limited

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Email: - [Enquiry@schwingstetterindia.com](mailto:Enquiry@schwingstetterindia.com)



Your Nearest Branch :