

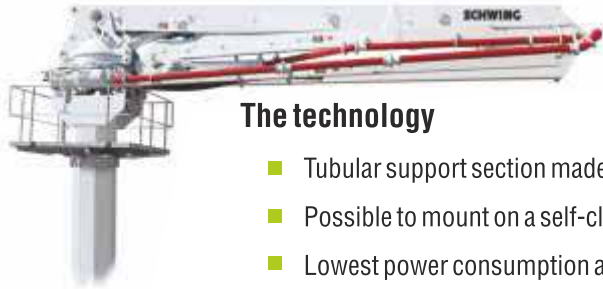
SCHWING Separate Placing Booms

SPB 25 / SPB 32 / SPB 35



Reliability, Reach, Economy

Concrete placement methods and equipment enter a new era of efficiency with SCHWING Separate Placing Booms. Combined with the right concrete pump, these placing booms provide a systematic method of concrete distribution. The benefits of Schwing separate placing booms are many; concrete placement speed is increased as much as 50 percent over the tower crane and bucket method. Also, pumping reduces segregation of aggregates in concrete and delivers higher strength mix at a steady rate for higher productivity. Labour requirements are less - one person operates the placing boom for uniform concrete placement in wall, column and deck forms and with a concrete pump/separate placing boom combination, a tower crane is free to handle other necessary lifting.



The technology

- Tubular support section made of superior super-strong steels to reduce weight.
- Possible to mount on a self-climbing platform.
- Lowest power consumption among all separate placing booms in the industry.

Special Features



Slewing Ring

Slewing mechanism with slew ring system for long service life.



Special Pipeline

Special wear resistant pipes for high wear life.



Split Boom Design

A unique feature of all Schwing SPBs is the split boom option. This option enables to raise the placement section of the SPB separately resulting in reduced module weights for faster and easier erection.



Octagonal Mast Design

This tubular structure guarantees maximum strength and stability during operation.



One-piece pedestal

The one piece pedestal used to anchor the SPB results in increased strength and better support for the boom. For SPBs, concrete pressure is not the only force to reckon with. As the building rises, it also has to face the elements and wind forces.

Light Weight

Total Weight of SPB is lowest in its class, due to which load on building structure is less, also required low capacity crane during erection.

Anchoring

The SPBs are mounted on top of the buildings in the lift shafts/ columns, in cut away sections of the floor slabs or in external frameworks. Optional special self-climbing platforms like the Doka framework etc can be used.

Pipeline on both sides

Schwing SPBs have pipelines that flow along the neutral axis looping on both sides of the boom for proper balance. This guarantees maximum stability during concrete placing and maximises life of the boom.



Remote Control

The radio remote control with its intuitive keys and warning systems helps operators to quickly learn to operate the pump.



Twin Hydraulic Jacks for lifting

The presence of two hydraulic lifting jacks ensures that the boom lifting process proceeds smoothly. Unlike in the case of single jacks where the boom weight causes bending forces to jam the jack.

SPB - Mounting Options



Mounting on Framework



Mounting on External Framework



Mounting on Tower Mast



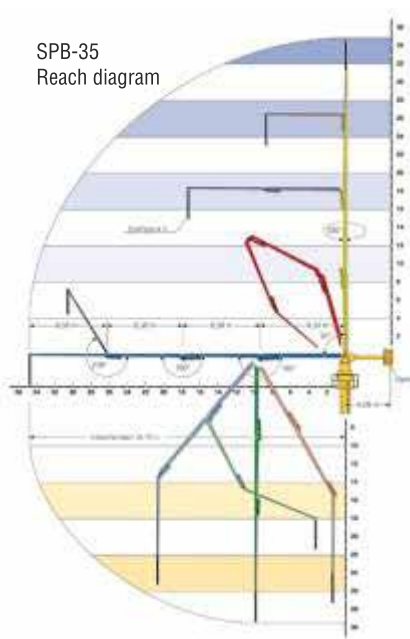
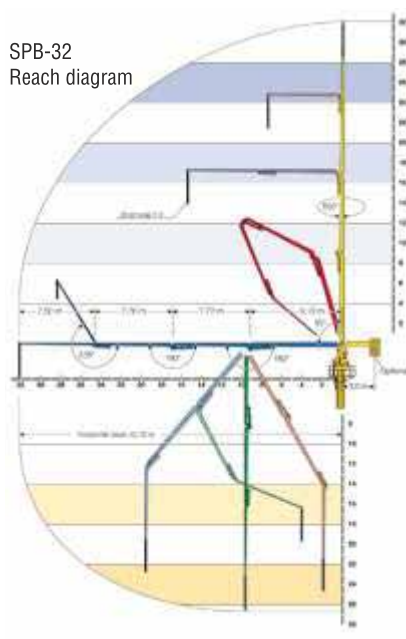
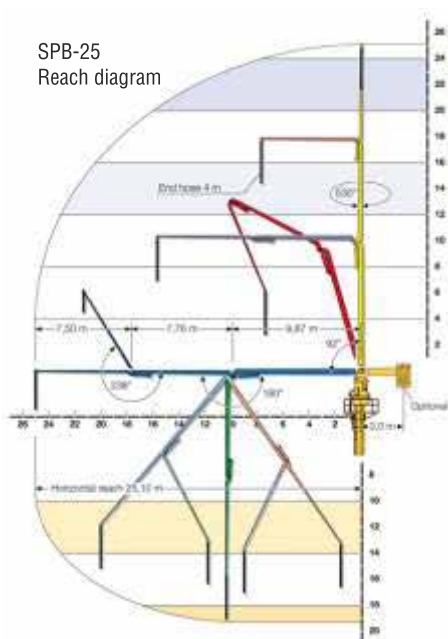
Free Standing



Slab Supported (Internal Climbing)



In Lift Shaft (Internal Climbing)



TECHNICAL DATA

Data	Units	SPB 25	SPB 32	SPB 35
Horizontal reach	m	25	32	35
Number of arms		3	4	4
Pipeline dia	mm	125	125	125
End hose	m	4	4	4
Weight of boom (Split Units)	kg	5300 (2750+2550)	7060 (2960+4100)	8250 (3900+4350)
Control system	Type	Remote, Manual	Remote, Manual	Remote, Manual
Optional counter weight	kg	6000	6000	6550
Max free-standing height	m	20	20	14
Slewing range	deg	540°	540°	540°

SCHWING - STETTER ALWAYS CLOSE TO THE CUSTOMER.



-  Sales Office
-  Resident Engineer
-  Resident Engineer with Spares Depot
-  Service Centre with Spares Depot
-  Dealership Support
-  Customer Training Center



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An ISO 9001 : 2015 Company

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