

4. Even contractors with multiple tower cranes on a project recognize the benefits of placing concrete with separate placing booms in order to stay on schedule.

5. The four section Roll and Fold™ boom on this Chicago high-rise offers the versatility to reach over and around obstacles.

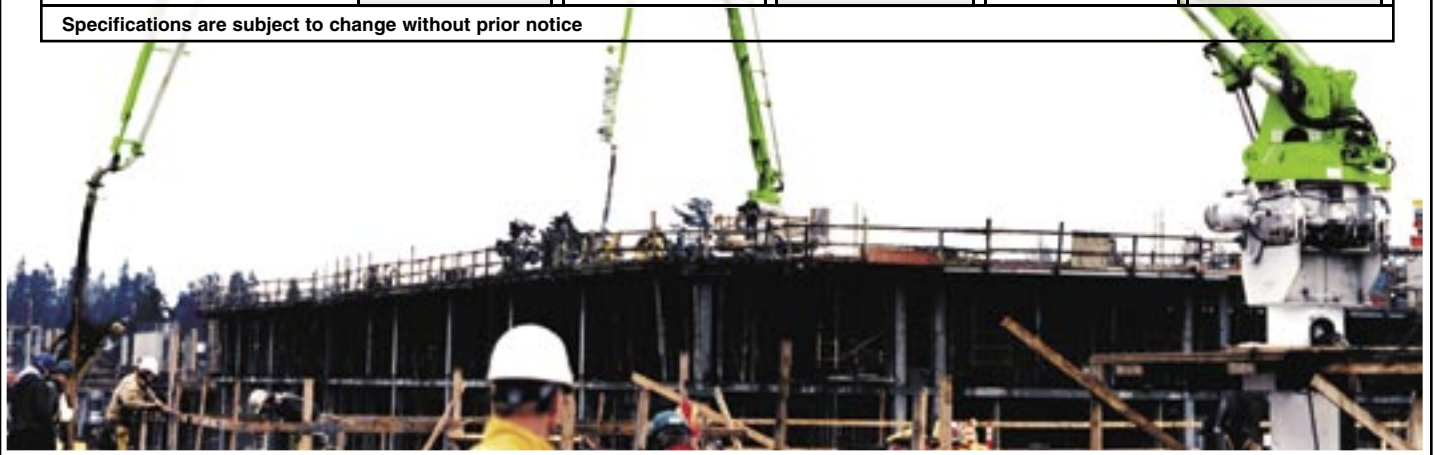
6. The self-climbing feature of this placing boom in Vancouver, B.C. relieves the tower crane of lifting duties related to concrete placement. Strategic placement of the properly-sized boom allowed all pours to be accomplished from one location.

7. Rail-mounted boom moves smoothly along the face of this dam performing on hundreds of pours during the construction in remote James Bay, Canada.



SPECIFICATIONS.

MODEL	KVM 28X		KVM 32XL		DVM 32		KVM 39X		DVMK 42	
Boom Design	Roll and Fold™		Roll and Fold™		Roll and Fold™		Roll and Fold™		Roll and Fold™	
	US	Metric	US	Metric	US	Metric	US	Metric	US	Metric
Horizontal Reach (ft - m)	79	24	93	28.3	105	32	114	35	138	42
Reach Depth (ft. - m)	64	19.5	80	24.3	78	23.7	96	29.2	75	22.8
Coverage (sq. ft - sq. m)	19,610	1,814	27,175	2,518	34,640	3,215	40,830	3,709	59,835	5,547
Section Lengths (ft - m)										
1st	28.25	8.6	26	7.9	40	12.2	30.25	9.2	66.25	20.2
2nd	26.6	8	23	7	37	11.2	27.5	8.4	36.75	11.2
3rd	23.75	7.2	23	7	28	8.6	27.5	8.4	28	8.6
4th			21	6.3			28.2	8.6		
Rotation (degrees)	370		400		400		550		720	
Pipeline Diameter (in - mm)	5	125	5	125	5	125	5	125	5	125
Control Systems	Radio - cable - manual		Radio - cable - manual		Radio - cable - manual		Radio - cable - manual		Radio - cable - manual	
Boom weight (lbs - kg) (boom,tower and powerpack)	12,200	5,533	13,700	6,214	16,093	7,300	16,500	7,484	Available as split only (see below)	
Split Boom option										
-1A boom and Tower			7,250	3,288			8,000	3,628	9,000	4,082
- 1B,2,3&4 Boom			7,250	3,288			9,700	4,399	10,200	4,626
Specifications are subject to change without prior notice										



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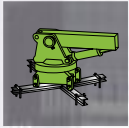
SEPARATE PLACING BOOMS



IMAGINE...

COVER Denver, Colorado

Zero elevation frame mounting provided flexibility in locating this 39-meter placing boom on a hotel high-rise project.



Minneapolis, Minnesota

Lattice tower mounted 39-meter placing boom completed all the concrete work on the Walker Art Center in Minneapolis.



The limits of concrete placement continuously expand with the application of a Schwing concrete pump and placing boom combination. Now imagine where you want the concrete to be placed...at what rate... and let the Schwing product specialists plan a distribution system. The possibilities are endless with the various booms sizes avail-

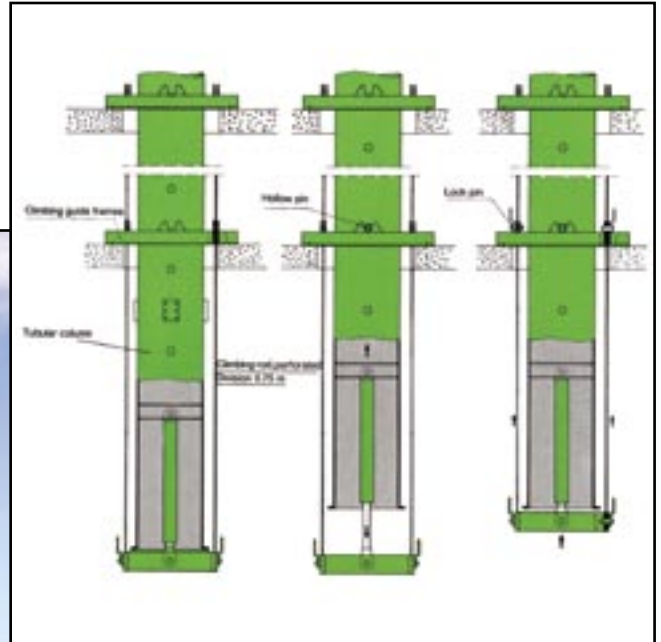
able, the mounting options and the number and sizes of masts that can be engineered into a project. The net result is systematic concrete placement you can count on while increasing placement rates by as much as 50-percent over other methods. Labor requirements are minimal – one person operates the placing boom for uniform concrete

placement in wall, column and deck forms – less raking and finishing time is required because of the precise placement which also results in higher quality concrete. Added time savings are realized because the tower crane is free to handle other lifting chores.

MOUNTING OPTIONS.

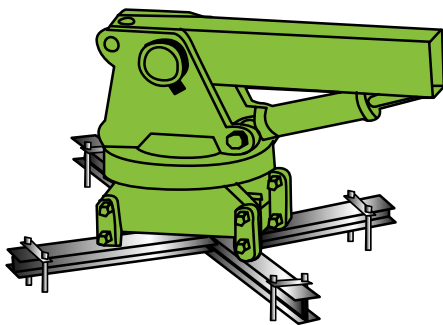
SELF-CLIMBING.

To improve the utilization of your tower crane, take advantage of the self-climbing option. Using existing floors for support, the boom and mast are raised through floor openings and secured by wedges and frames. This hydraulically operated system is protected and enclosed in the lower end of the tubular mast.



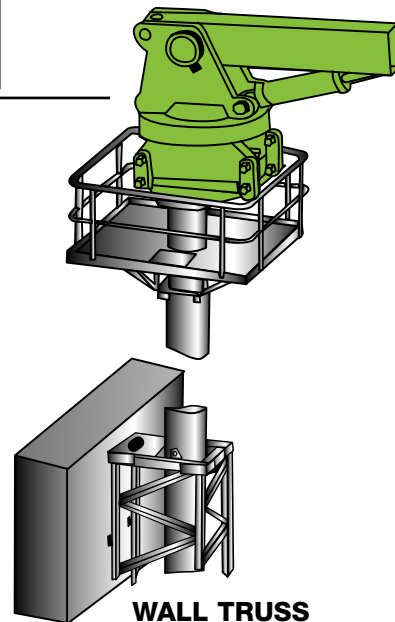
Four section 32-meter boom provides 105 – foot horizontal reach and covers 34,640 square feet from one location.

FORM MOUNTING.



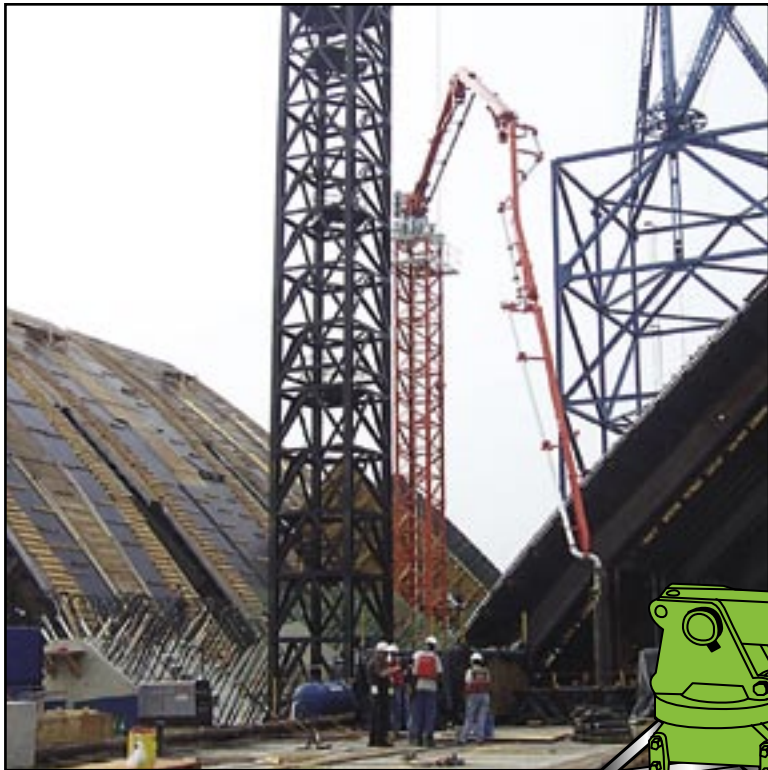
ZERO ELEVATION FRAME

Zero elevation frame ties the boom to the working platform of a climbing form system.

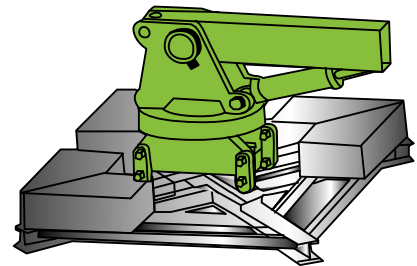


WALL TRUSS

The wall truss is anchored to the core wall and is lifted by the form system as the structure rises.

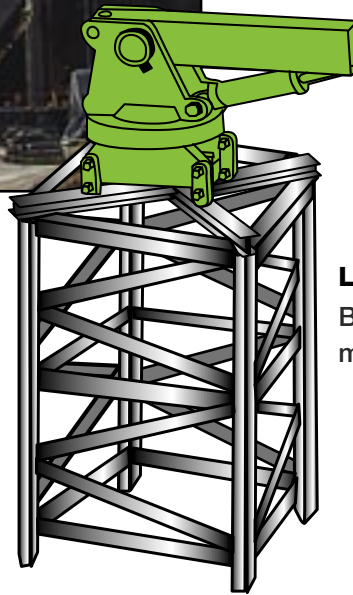


Lattice tower mounting was chosen for two 39-meter booms on the Woodrow Wilson Bridge between Maryland and Virginia.



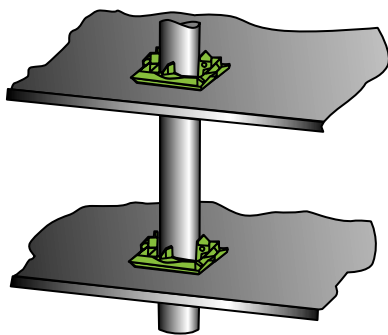
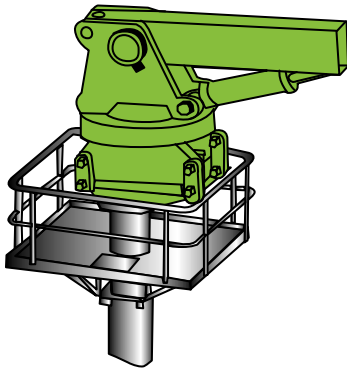
ZERO ELEVATION FRAME

Zero elevation ballasted cross frame.



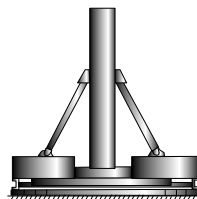
LATTICE TOWER

Boom with cross frame mounted on crane tower.

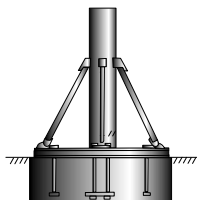


CLAMP STYLE FLOOR FRAMES

Mast inserted in floor frames with wedges.



BALLASTED FRAME



FOUNDATION FRAME

By anchoring the mast to the barge, this contractor provided a secure platform for a 39-meter boom.



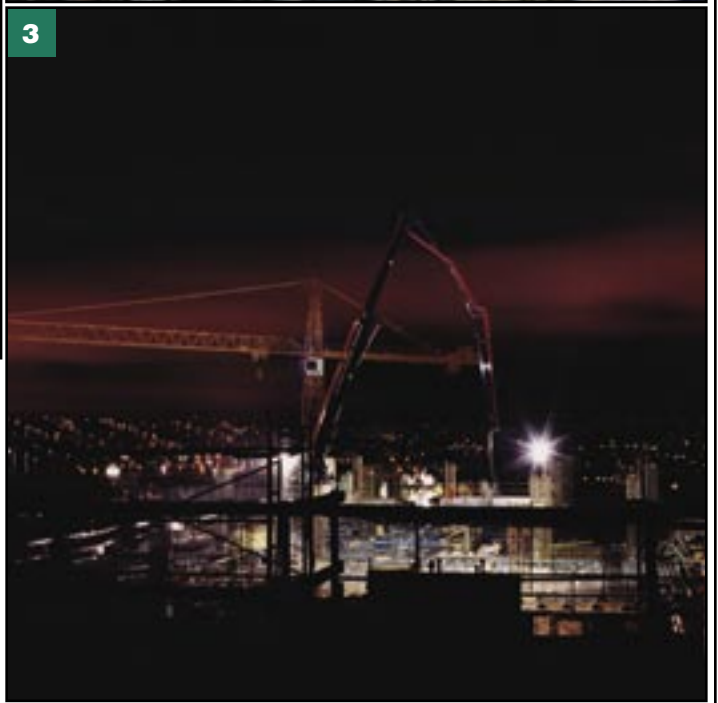
ARE ENDLESS.



1. DVM 42-meter boom mounted on a lattice tower places substructure concrete on Rhode Island's Jamestown Bridge.

2. In Newfoundland, Canada, four mast-mounted booms place multiple cells simultaneously for equal loading during the construction of a floating oil drilling platform.

3. Schwing reliability and precision placement means pours are accomplished around the clock on this San Francisco high-rise.



THE POSSIBILI-



Miami, Florida

All-concrete structures like this Florida condo mid-rise require massive amounts of concrete to be placed quickly. Two masts and this 28-meter placing boom accomplished the production goals for this developer.



IMAGINE THE TIME AND COST SAVINGS...

Large floor plates may require multiple boom mounting points to achieve desired cycle times. Strategically placed masts, floor frames or other mounting options allow the boom to be quickly repositioned on the deck

for future pours. Multiple pipelines to feed various boom positions can be strategically laid out within the structure.

Ask your Schwing representative for our Highrise Resume which

references hundreds of buildings successfully pumped by Schwing.



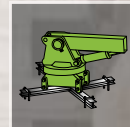
HIGHRISE RESUME

BECAUSE...



Chicago, Illinois

Zero elevation frame is tied down to the working platform of the form system allowing the boom to climb with the forms.



CLIMB TO THE TOP WITH SCHWING.

Experience is the key to maximizing separate placing boom productivity. Schwing has performed on thousands of successful placing boom projects over the past thirty years and is the most qualified to advise

you on the best combination for your project. In addition to our staff of engineers that design your system, six factory locations throughout the U.S. provide parts, service and the technical support you need to succeed. In

addition, our nationwide network of dealers have vast experience in placing concrete.

The limits are expanding in concrete placement and the best source to match your imagination is Schwing.

THE POSSIBILI-



Galveston, Texas

The 1.5 mile Galveston Causeway project utilized three different mast lengths with the free-standing 39-meter boom. Barge-mounting required the optional counterweight.

