

# AVANT-TECH

## Box shaped structural steel work

The most recent trend in the cranes industry requires very long booms (and EFFER is in the forefront, with eight or nine hydraulic extensions booms, topped by four or six extensions fly-jibs, fully hydraulic).

For such long booms configurations, it is recommended to use a construction of all the steel works (booms, extensions, turret) featuring box shaped components.

This design technique answers the need to stiffen the whole structure against the torsion generated by the slewing of the outstanding long booms that the crane comes with.

The benefits of this construction are therefore:

- A more regular distribution of the stresses resting on the structure
- An increased resistance to the torsion
- A weight saving
- An easier access to the inner components for the maintenance.



360	400	430	44N	460	47	500	550	750	80N	850	860	950	100N	1050
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1250	1550J-P	1750	2100	2200	39000BL	DECO39	DECO62	DECO100						
●	●	●	●	●	●	●	●	●						

● Standard      ● Optional



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