

AVANT-TECH

HAWE

(The proportional self-compensated controlbank)

Since many years already the Larger Effer cranes (40 TxM and more of lifting capacity) are equipped with Proportional self-compensated controlbanks manufactured by Hawe (Germany). This product, that has been extensively used in the field of hydraulic lifting devices and construction machines, comes with many exclusive features such as :

The Valve Material

The whole body and the internal spools are exclusively made with steel. The decision to avoid the use of aluminium or cast iron for the pressurized parts means

- Increased performances (as the valves can withstand working pressures of up to 420 bar)
- Better reliability (as the steel material can work at ambient temperature ranging from -40°C to + 80°C)
- Guaranteed leak-free performance thanks to machine-working tolerances (spool-body) that can be kept to a minimum with a material like steel. Lower tolerances mean no drips or drift.

The Body Treatment

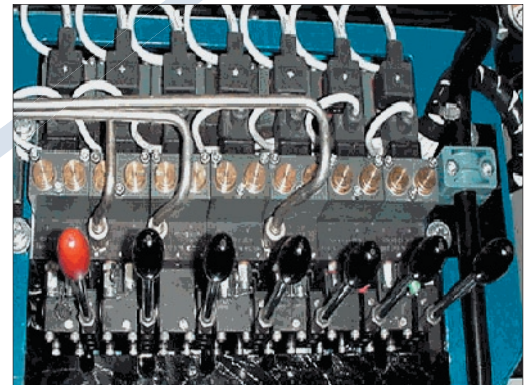
All the steel elements are treated by nitriding. This process exposes the elements to ammonia vapors that increase the wear-resistance but also produces a better resistance to corrosion even when no protective paint sprayed on.

The Technical Features

- The compensation of each element occurs on both pressure and oil flow, thus allowing to set the speeds of each motion continuously and notwithstanding the load applied to the crane. In other words, you may use many levers simultaneously without losing any smoothness of the controls.
- The longer mechanical stroke of the lever means a more precise and proportional stroke of the spool inside the element body.

The References

Thanks to its exceptional features, Hawe Controlbank is preferred by many manufacturers, all of them being leaders in their respective fields such as concrete pumps, telescopic cranes and other construction machinery.



75	95	120	140	170	210	250	500	550	750	850	860	950	1050	1250
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1550J-P	1750													
●	●													

● Standard ● Optional



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