

high performance service crane



Captivator 12000 3H



HI-TECH

Advanced safety devices

Amazing crane rating/weight ratio

Continuous improvements in design

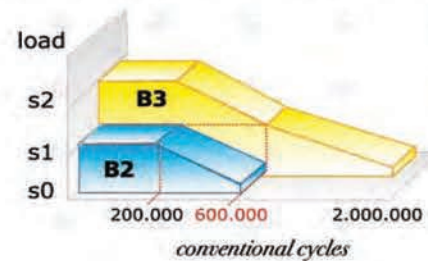
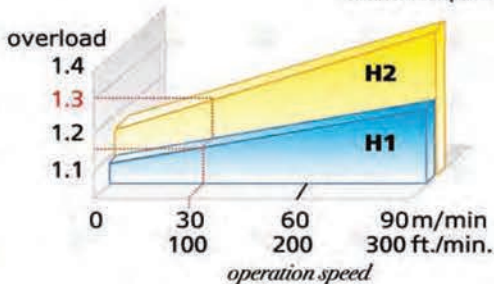
Due to ongoing improvement specifications and dimensions subject to change without notice.

Crane structure designed according :

DIN 15018 Standards, lifting class H2-B3.

This rating ensures a working life of 12-15 years in normal usage.

Crane complies ANSI B30.5 - (1989 and Rev. 1992) and OSHA, Title 29, part 1910.180 dtd 07-01-1991.



A rating concerning the resistance to overloads while operating is assigned to the metal structures by the letters from H1 to H4. Many manufacturers have a rating H1, while our cranes comply with a rating H2, which is much better because:

if you stay within the curve H1 with an operating speed of 30 m/min, for instance, you will have an overload capacity of 1,15 (15%)

if you stay within the curve H2 considering the same speed, you will have an overload capacity of 1,3 (30%), i.e. **DOUBLE** than the above one.

A rating is assigned to the metal structures which must last for a long time (such as bridges, cranes, etc.) depending on the requirements they can meet.

As far as cranes are concerned, the DIN 15018 norm assigns a range from B1 to B7.

The truck cranes must comply with a min. rating B2, while our cranes comply with a rating B3, which is much better because:

if you stay within the curve B2, for instance with a definite load S1, you will have a structural life of 200.000 conventional cycles, corresponding to about 50 loading/unloading operations per day for 10 years

if you stay within the curve B3 with the same load S1, you will have a structural life of 600.000 conventional cycles, i.e. three times bigger.

Captivator

