

Wire Technology & Machinery

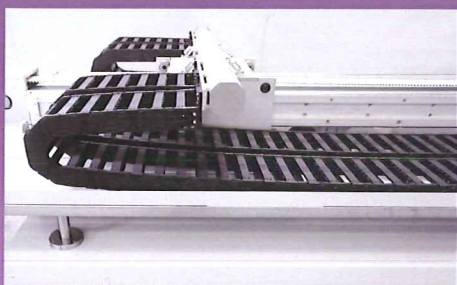


The drag chain test certifies the cable capability of bending along the chain path.

The movement patterns are run through the classic trapezoidal course profile for reflecting the stress put on the cable in the Customer's application. The cable can be subject to bending motion through trolley running at high speed on precision guides, driven from cogged belts.

Up to 4 chains can be driven at the same time in the same equipment, with a pulling capacity up to 3000 N.

DRAG CHAIN TEST EQUIPMENT



The test parameters (traversing distance, acceleration time, maximum speed and number of cycles) are adjustable and settable by means of a touch screen panel.

During the test cycle the cables are checked by one external measuring system. In case of a cable break, the corresponding counter stops and the machine continues to operate in order to allow the test of the other test samples until their final break. (this option can be modified according to the requirements).

General machine performance data:

| | |
|--|---------------------------|
| Number of stations | Up to 8 |
| Traverse path | Up to 20 m |
| Speed | Up to 5 m/s |
| Acceleration | Up to 50 m/s ² |
| Pulling tension | Up to 3300 N |
| Bending radius (continuously adjustable) | 250 mm |
| Cycles per day | Approx. 80000 |



All the characteristics can also be personalized on customer request.
All technical characteristics may be changed without prior communication.

