



Die Maschine

## Universal testing machine

# DI-CP/V2

 Pro Series

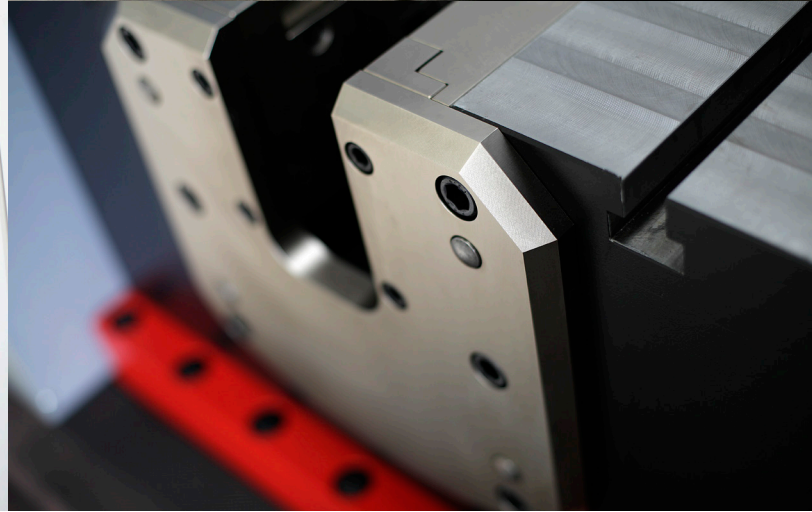
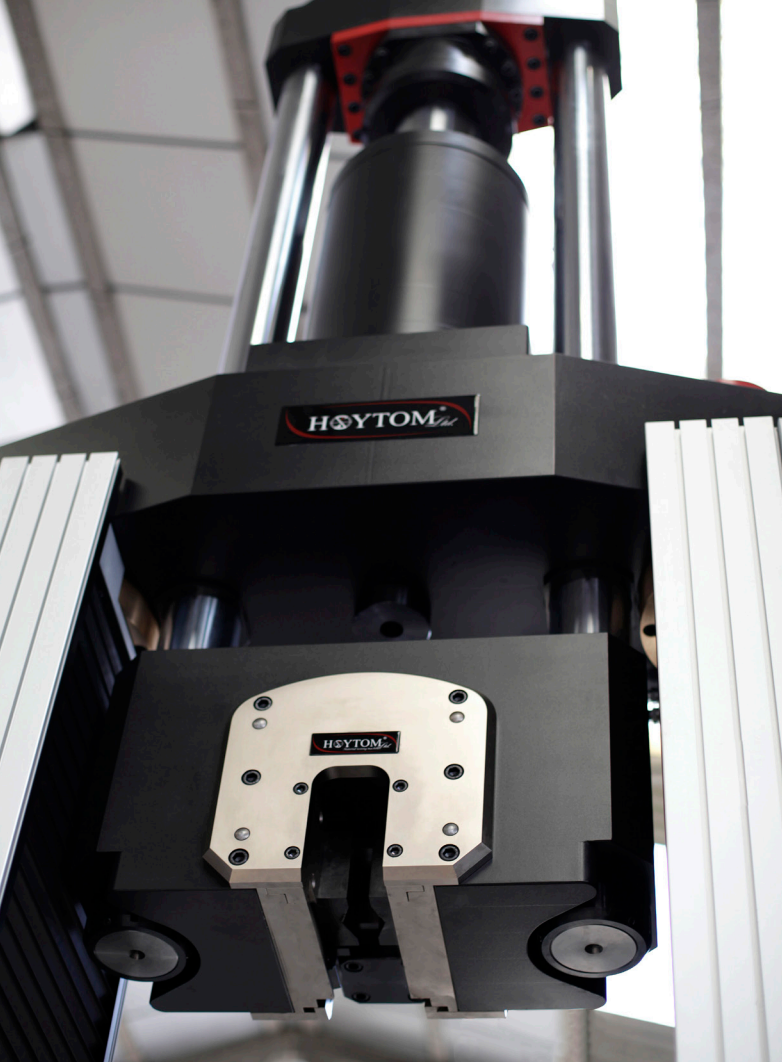
Technology



The DI-CP/V2 model, which is part of the PRO series, has been designed to perform tensile, compression, bend/flex and shear testing, with nominal capacity between 1500 and 2000 kN. Tension is always tested using the hydraulic grips, located in lower area, and compression in the upper test area.

In this model the crosshead supporting the piston can be moved electromechanically via ball screws, and thereby vary the space between the grips. This makes the equipment extremely flexible for a wide range of applications.

Each machine includes HoyWin® test control software, and our custom designed electronics. This enables users to extract maximum performance and precision, through a simple and intuitive interface. Applications include the testing of metals, cables, fixings, concrete, composites, etc.



## Characteristics:

- Adjustable height upper crosshead.
- Double test area.
- HBM® load cell (international leader in this technology).
- Comfortable working height for greater productivity and comfort.
- Computer with HoyWin® software.
- Modern appearance.
- Hydraulic tensile grips.

## Optional accessories:

- Perimeter guards.
- Large range of tools for each test.  
Compression, nut testing  
Bending, shear, etc.
- Grips for shoulder or screw head specimens.
- Extensometers.
- Wedges to fit different specimens.

Capacity kN		1500-2000
Piston speed mm/min	Forward	100
	Backward	150
Approach speed *1 mm/min		100
Piston travel mm		300
Space between grips mm		50-1350
Tensile horizontal space mm		890
Maximum height mm		4600
Dimensions mm	Width	1500
	Depth	1100
	Height	3400
Weight Kg		6500
Power supply V		380-III

## Force transducer

Machine accuracy (Class) *2	0.5
Range	0.4% – 100% FS
Resolution	0.001% FS

## Displacement transducer

Type	Linear encoder
Resolution	< 0.01mm
Accuracy	< 0.1%

\*1 Higher speeds and larger sizes available upon request.

\*2 According to Standards ISO 7500 and ASTM E4.

# 3 Year Warranty



with all  
Hoytom<sup>®</sup>  
machines

When you purchase a Hoytom<sup>®</sup> machine the equipment comes with a 3 year warranty.

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