



Die Maschine

Testing machine

CTM

 Pro Series

The CTM model hydraulic press, which is part of the HOYTOM PRO series, can achieve nominal capacities of up to 6000 kN. This equipment has been especially designed to test the compressive strength of cylindrical, cubic and prismatic concrete test specimens, and to test for indirect traction, in compliance with the corresponding standards.

Each machine includes Hoytom's HoyWin® test control software, and our custom designed electronics. This enables users to extract maximum performance and accuracy, through a simple and intuitive interface.

Typical applications are aimed at the construction industry, where it is used for testing materials such as concrete, rocks and cement.

Characteristics:



- Extremely rigid frame for minimum deformation during testing.
- Top plate with ball joint.
- HoyWin® software for material testing in multiple languages.
- 21.5" touch screen.
- Computer integrated in the machine.
- Remote Control - Smart|Remote Control.
- Side guard.
- Easy to transport via forklift or crane.

Capacity kN	1000 - 3000	4500	6000
Maximum Speed <small>mm/min</small>	50	50	50
Piston travel <small>mm</small>	200	200	200
Piston diameter <small>mm</small>	350	430	470
Adjustment <small>N/s</small>	0-10000 (via PC)	0-10000 (via PC)	0-10000 (via PC)
Drive	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic
Plate dimensions <small>mm</small>	Top plate Ø 320 Bottom plate Ø 410	Top plate Ø 320 Bottom plate Ø 510	Top plate Ø 320 Bottom plate Ø 520
Distance between plates <small>mm</small>	320	320	320
Distance between columns <small>mm</small>	480	530	580
Working height <small>mm</small>	800	800	950
Dimensions (W x D x H) <small>mm</small>	1200 x 500 x 1650	1250 x 550 x 1650	1300 x 700 x 1750
Weight <small>Kg</small>	1550	2550	2700
Power supply <small>V</small>		380-III	

Pressure transducer

Machine accuracy (Class) ^{*1}	1
Range	5% – 100% FS
Resolution	0.01% FS

^{*1} According to Standards ISO 7500 and ASTM E4.



3 Year Warranty



with all
Hoytom[®]
machines

When you purchase a Hoytom[®] machine the equipment comes with a 3 year warranty.



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