



## C135 COMPRESSION MACHINE "COMPACT" series 3000kN (cubes- cylinders)

The machine is best suited for test compression at:  
Cylindrical samples diameter 150mm height  
300mm

Cylindrical samples diameter 160mm height  
320mm.

Cubic samples with side 150 and 200 mm.  
through a system of joint brackets, studied and  
designed specifically to ensure durability and  
stability over time.

is set in the bottom of the press. The small  
dimension of the machine in conditions of transport  
and storage allow optimal use of the available  
space, overall significantly economically  
improvement .

of all these machines are hardened and ground.  
a device stops prevents leakage of the piston  
cylinder. Given the high pressures that come into  
play during the compression test, it was taken out  
in a quarry of a particular cylinder sealing ring that  
allows to minimize friction.

is driven by an electric motor with an incorporated  
switch, is inserted a pump with more pumping rods  
that lets you apply the load uniformly and  
Consistently.

A device allows the rapid approach of sample to  
the test plates, with automatic pressure test at the  
time of contact between plates and sample.

A special valve drive outside the unit, lets you  
make a preregulation of gradient load , depending  
on what is required by Standards.

The supply included:


- Digital Indicator UDI16/4PLUS (Z070)
- No. 1 top plate Swiveling and hardened
- No. 1 Down plate hardened
- Certificate of Calibration SIT
- User's Manual

**The accessories to effect all the tests have to  
be ordered separately.**

### TECHNICAL CHARACTERISTIC

3000 kN	Maximum capacity	674427 lbf
1	Accuracy class ISO 7500-1 (from 2% to 100% f.s.)	1
370 mm	Maximum vertical light	14.6 in.
275 mm	Horizontal light	10.8 in.
50 mm	Piston stroke	2.0 in.
887 kg	Weight	1956 lbf
765 x 560 x 1120 mm	Dimensions length x depth x height	30.1 x 22.0 x 44.1 in.
240V 50Hz + T	Power supply	

## ACCESSORIES

	<p><b>C127-A101 STAND</b>                  Used for keeping 2000 kN Compact testing machines for testing blocks and all the 3000 kN machines in working position.                  Dimensions: 670x460x600mm                  Weight: 45 kg.</p>
	<p><b>C133-A102 SAFETY GUARD</b>                  For use with 3000 kN Compact machine range for testing both cubes and cylinders.</p>
	<p><b>C100-A105 REDUCTION PLATEN</b>                  With centering system and handgrips for removal. Made of steel.                  Thickness: 50mm</p>
	<p><b>C100-A105 REDUCTION PLATEN</b>                  With centering system and handgrips for removal. Made of steel.                  Thickness: 75mm</p>

## SPARE PARTS

	<p><b>C100-R100 MANUAL POMP</b>                  Doublestage type, with automatic variation of delivery. Supplied complete with tank and oil.                  Dimensions: 150x200x360mm                  Weight: 20 kg.</p>
	<p><b>C127-R100 LOWER COMPRESSION PLATEN</b>                  Ground and hardened. For use with 2000 and 3000 kN machines for cubes, cylinders and blocks.                  Dimensions: 510x310x85mm</p>
	<p><b>C137-R100 PIASTRA DI COMPRESSIONE INFERIORE</b>                  Ground and hardened. For use with 3000 kN machines for cubes, cylinders and blocks.                  Dimensions: 510x355x95mm</p>
	<p><b>C133-R100 GASKETS</b>                  Complete set for hydraulic cylinders of 3000 Kn machines.</p>
	<p><b>C146 HYDRAULIC POWER PACK</b>                  Motorised, with 4 pumping elements, with manual adjustment of the load gradient, with rapid approach device and relief valve.                  Supplied complete with watertight tank and oil.                  Power supply: 1x220-240 V 50 Hz                  Dimensions: 200x380x440 mm.                  Weight: 47 kg.</p>
	<p><b>MICROPROCESSOR DIGITAL INDICATOR OF FORCES model UDI 16/4 PLUS</b>                  Watch data sheet under the heading "others equipment"</p>
	<p><b>Z066 PRESSURE TRANSDUCER</b>                  For compression testing machines with electronical load measurement.                  Measurement range: 0-700 Bar</p>