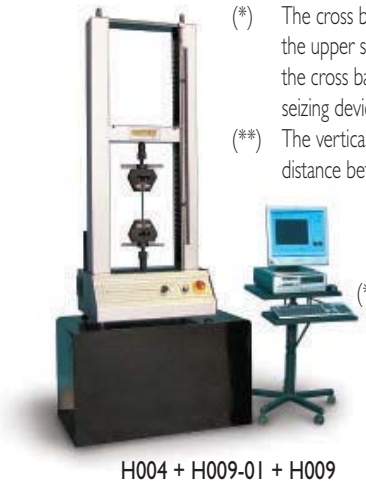
The frames protecting the columns and the screws are made of anodised aluminium, the internal sides are closed with anti-dust bellows and all the outside and internal parts are properly treated against the corrosion.
Following equipments are not delivered with the machine and have consequently to be ordered separately (see following pages):

- Personal computer model H009-01 (indispensable for the working of the machine).
- Standard UTM 2 software model H009 (indispensable for the working of the appliance).
- Special personalised programs (following the customer demand)
- Accessories for the seizing of the specimens.
- Printer model C128
- Extensometers model H014 to H014-10
- Other accessories

H008 + H009-01 + H009

- The voltage must not have peaks of tension, over-tensions and transitory over-currents or drops of voltage higher than 10% of the nominal voltage.
- Working temperature from +10° C. up to +38° C.
- Humidity range from +10% up to +90%, without condensation.

H005 + H009-01 + H009



H004 + H009-01 + H009

AVAILABLE MODELS:

MODEL	H004	H005	H006	H007	H008
LOAD CAPACITY kN	10	50	100	200	600
TEST SPEED mm/min					
Minimum	0,01	0,01	0,01	0,01	0,01
Maximum	500	500	500	480	300
POSITIONING SPEED mm/min.	500	500	500	480	250
CROSS BAR TRAVEL (*) mm	1130	1130	1180	1150	1500
OPENING OF THE TESTING CHAMBER					
Vertical mm (**)	1253	1251	1310	1280	1510
Horizontal mm	421	421	600	600	713
MAXIMUM DISTANCE BETWEEN THE TENSILE HEADS mm (***)	630	612	510	480	550
DIMENSIONS mm					
height	1708	1845	2340	2340	3000
width	550	810	1370	1370	1465
depth	683	670	700	700	930
WEIGHT kg	250	370	1000	1150	2600
POWER SUPPLY	230V 1ph 50 Hz	230V 1ph 50 Hz	400V 3ph 50 Hz	400V 3ph 50 Hz	400V 3ph 50 Hz
ABSORBED POWER W	1000	1200	2000	3000	3000

(*) The cross bar travel is referred to the distance between the upper surface of the base and the lower surface of the cross bar and it doesn't include the load cell, the seizing devices, the different equipments etc.

(**) The vertical opening of the testing chamber is the distance between the upper surface of the base and the lower surface of the crossbar, without load cells, seizing devices and other devices.

(***) The maximum distance between the tensile heads is the distance between the grips when the crossbar is at its upper dead point (load cell is installed). Practically it is the free length of the specimen between the tensile heads.

... *follows* ...

ACCESSORIES FOR:

MACHINE CODE	H004	H005	H006	H007	H008
CAPACITY	10 kN	50 kN	100 kN	200 kN	600 kN
Couplings for installation of the tensile heads or the devices	H005-40	H005-40	H007-40	H007-40	
Tensile heads	H005-11	H005-11	H007-11	H007-11	H008-11
Flat seizing grips for specimens as follows: Flat spec. thickness 0÷10 mm Width max 25 mm Round specimens Ø 3÷5 mm	H005-21	H005-21			
Flat spec. thickness 0÷10 mm Width max 50 mm Round specimens Ø 3÷10 mm			H007-21	H007-21	
Flat spec. thickness 11÷22 mm Width max 50 mm			H007-22	H007-22	
Flat spec. thickness 0÷12 mm Width max 70 mm Round specimens Ø 3÷10 mm					H008-21
Flat spec. thickness 12÷24 mm Width max 70 mm					H008-22
Flat spec. thickness 24÷36 mm Width max 70 mm					H008-23
"V" shape seizing grips for round specimens: Dia. 5 ÷ 12 mm	H005-31	H005-31			
Dia. 11 ÷ 18 mm			H007-31	H007-31	
Dia. 18 ÷ 25 mm			H007-32	H007-32	
Dia. 25 ÷ 32 mm			H007-33	H007-33	
Dia. 11 ÷ 22 mm					H008-31
Dia. 23 ÷ 34 mm					H008-32
Dia. 35 ÷ 45 mm					H008-33
Dia. 45 ÷ 55 mm					H008-34
Compression device	H005-41	H005-41	H007-41	H007-41	H008-41
Knurled roller clamping device	H005-42	H005-42			
Device for test on wire and ropes	H005-43	H005-43			
Flexural and bending device in three spots	H005-44	H005-44	H007-44	H007-44	H008-44
Device to centre the specimens		H005-51	H005-51	H005-51	

H005-11 - H007-11 - H008-11

Couple of tensile heads with different capacities. They are made of treated steel carefully worked and have a shape, which is granting an auto-tightening of the seizing grips on the specimen. A screw device allows the right operation of the seizing grips and grants a right blocking of the specimen starting from the lowest loads and reducing at the top the moving of the crossbar during the penetration of the knurling on the specimens.
Each couple of tensile Heads is delivered complete with:
- Spanner for the assembling and the disassembling of the seiwing Grips
- Pack of special grease for lubrication

H005-21

Flat Grips - Thickness 0÷10 mm
Width max 25 mm and Round Grips dia. 3÷5 mm
One set consist of a double pair of grips.

H005-31

Round Grips with Section "V"
dia. 5÷12 mm
One set consists of a double pair of grips.

H005-41

Compression Device
Consisting of an articulated upper plate and a lower fixed one.

H005-42

Knurled Roller Clamping Device
Consisting of a pair of grips with max. capacity 20kN suitable for test on plastic films with a considerable thickness and hardness and similar materials.

H005-43

Device for tests on wires and ropes
Consisting of a pair of self-aligned rollers for tensile tests on wires and ropes of thin section with max. load capacity of 20 kN.

H005-44

Flexural and Bending test device in three spots
Suitable for flexural and bending tests on round and flat specimens.

H005-51

Device to centre the specimens
This device is composed by a pair of rollers installed on settable supports screwed on the tensile heads.
By setting the supports in relation with the dimensions of the specimen, the user will obtain a stop that allows a rapid and right positioning of the specimen in the flat grips.
This accessory can be used only on machine with 50 kN, 100 kN and 200 kN capacity (models H005, H006, H007).