

MODEL	IBMT4-5000
Maximum traction-compression force	5000 / 2700 kN
Force measurement	High stiffness strain gauge force transducer for static and dynamic tests
Calibrated measuring range	1% to 100% of the nominal capacity of the load cell
Class	0.5 according to EN-ISO 7500 standard
Resolution in force	5-digit floating point
Frame	4 steel columns made of hardened steel
Vertical distance on the 3-point compression plates 1	0 - 1500 mm
Horizontal distance between columns	0 - 1500 mm

<p>Perimetral protection cage</p>	<p>Manufactured in steel.</p> <p>With Access door for sample positioning and another one for sample removing</p>
<p>Loading speed</p>	<p>up to 150 kN/s</p>
<p>Position transducer</p>	<p>Internal high precision sensor, magnetostrictive type, built-in in rod actuator.</p> <p>Resolution: 0.5 micron</p>
<p>Piston stroke</p>	<p>800 mm</p>
<p>Power supply</p>	<p>3 ph 380 V + N + T, 50/60 Hz</p> <p>(Connection power to be defined according to the hydraulic unit installed)³</p>
<p>Test frame dimensions⁴ (Width x Depth x Height)</p>	<p>1800 x 1700 x 4950 mm⁵</p>

Approx. weight without testing devices	24.000 Kg
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