

IMPACT 750

Impact testers pendulum

The pendulum impact testers dedicated to steel products offer high precision in determining the energy and resilience of standard metal specimens. Equipped with an automatic hammer reloading system after each test, these instruments ensure efficiency and speed in operations. Control is managed through a touchscreen panel with a digital display, whose height and rotation can be adjusted for ergonomic use. The test is easily started with a button located on the safety door handle, while an integral safety guard ensures maximum protection during use.

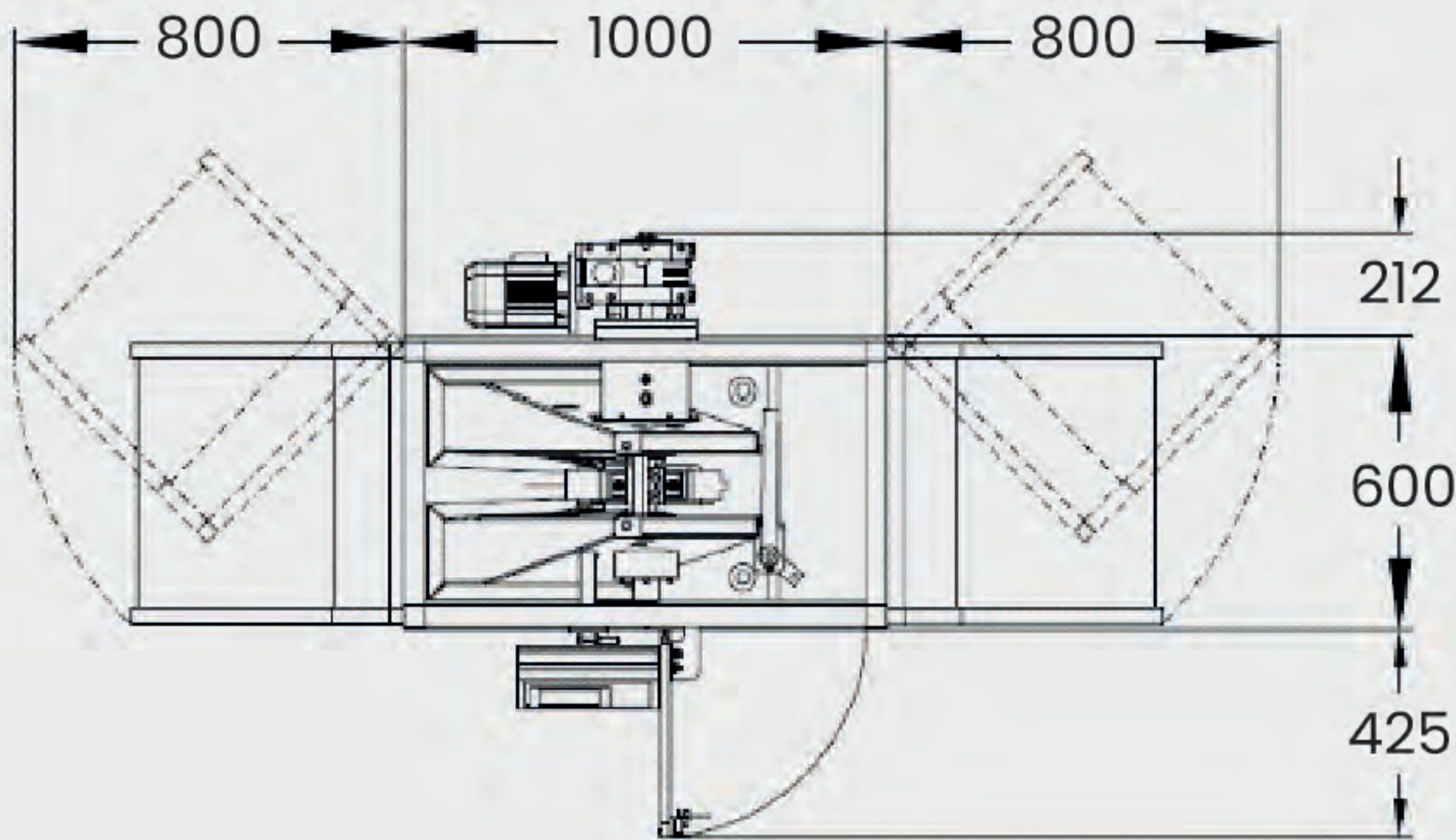
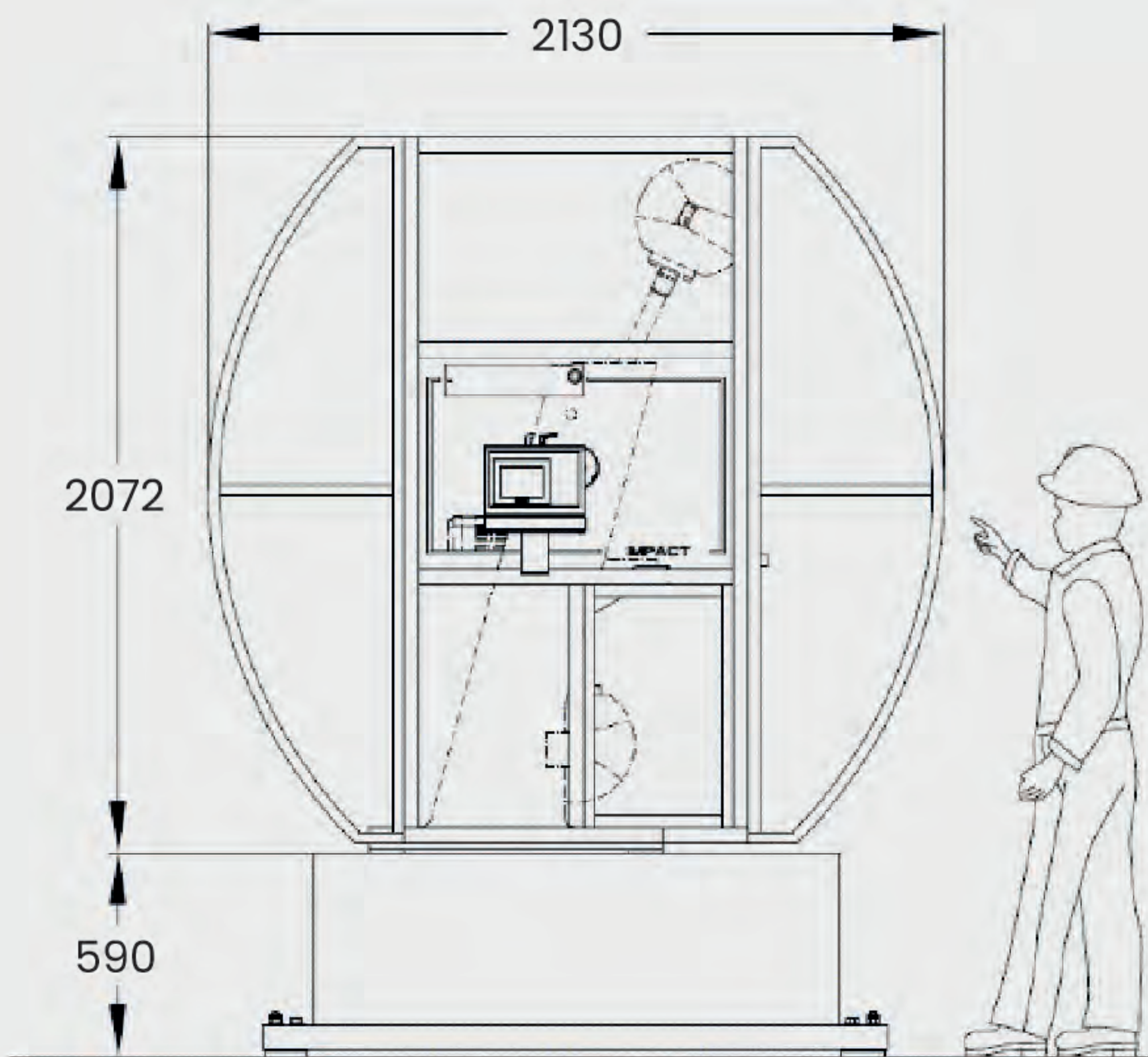
The impact instruments are available with Charpy and/or Izod tooling, depending on testing requirements. The device can be customized with various additional options, including the Labtest software, specimen centering devices by notch or side, a chute and conveyor for broken samples, pliers for correct specimen positioning, a cooling chamber for conditioning the specimens, a digital thermometer, and a concrete base for added stability. Additionally, it is possible to choose the door opening side and integrate an instrumented package compliant with ISO 14556 and ASTM E 2298 standards.

These instruments stand out for their fast execution, advanced functionality, and excellent value for money, making them an ideal solution for laboratories and companies that require reliable and precise testing of metallic materials.



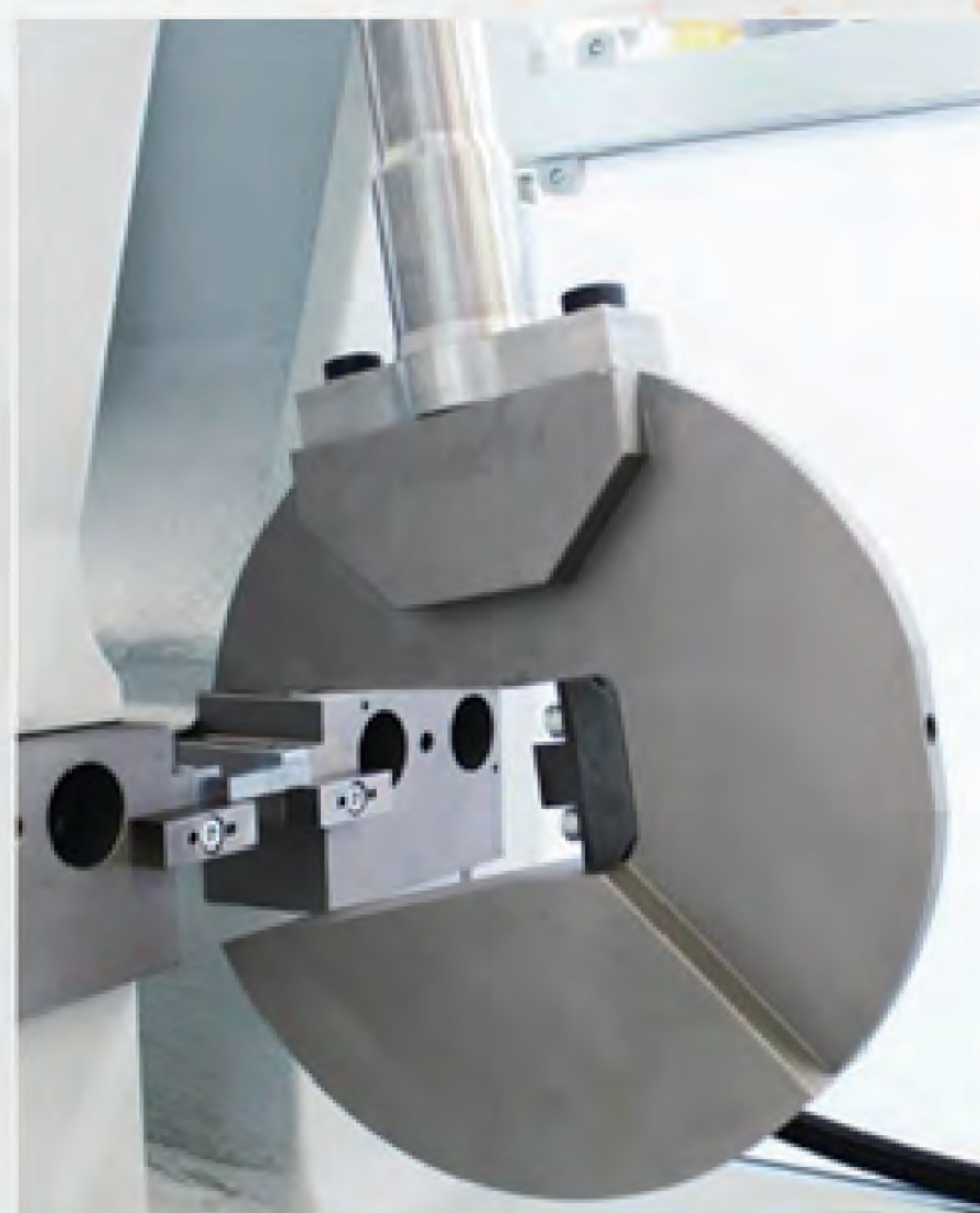
Features and benefits

- Automatic hammer reloading after every test
- Touch screen control panel with digital display
- Adjustable control panel position (height and rotation)
- Start button on the safety door handle
- Integral safety guard
- Fast
- Functional
- Good value for money



TECHNICAL SPECIFICATION

ITEM		TIA1.1.5
Nominal energy (J)		750
Drop height (m)		1.5
Impact speed (m/s)		<5.5
HMI		10 μm 5.7"Color touch screen display
Weight (kg)	Frame	1600
	Safety Shield	120
	Concrete base (Opt.)	>2050
Resolution (°)		0.1
Min certifying energy ISO 148-1 (J)		No limits
Min certifying energy ASTM E23 (25 time the resolution at 15) (J)		10
Air humidity (Without condensing)		Max 80%
Hammer reloading		Automatic after evrey test
Other hammer	Charpy 450J	Opt.
	Charpy 600 J	Opt.
	Charpy 750 J	Standard
	Izod 300J	Opt.
Power supply		220V±10% 50/60 Hz (other on request)
Allowed Magnetic Field (μT)		<500
Ambient temperature		+10° C ÷ +40° C
Approx package dimension (without concrete base)		2600 x 1400 x H2510
Power rating (W)		1000
Noise level dBA		<70
Suggested local light level		300 lux



Charpy Impact Hammer



Safety door



Izod Impact Hammer



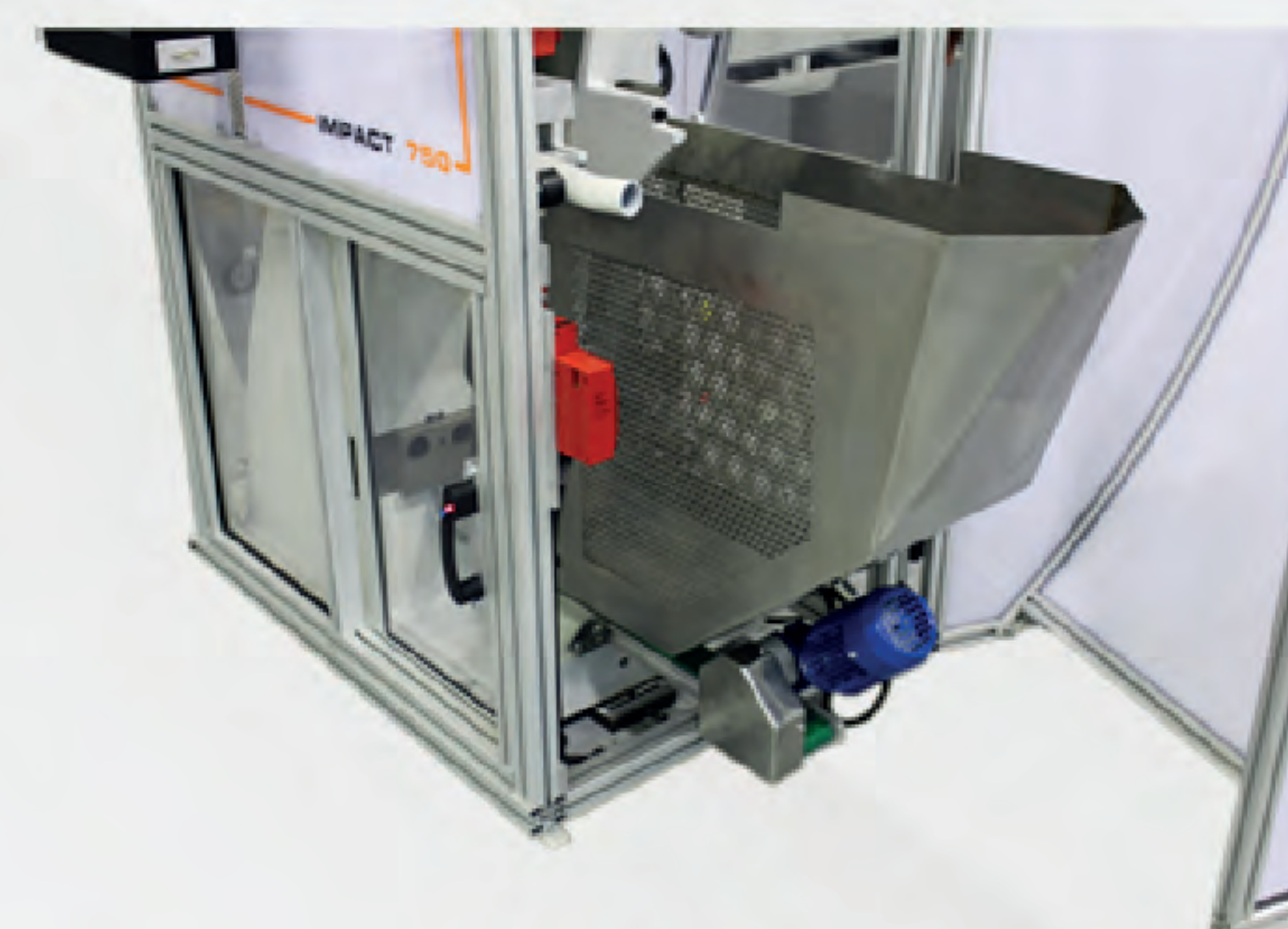
Pliers



Colour touch screen display



Centering Devices



Chute



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