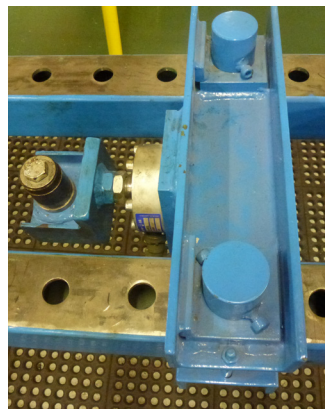
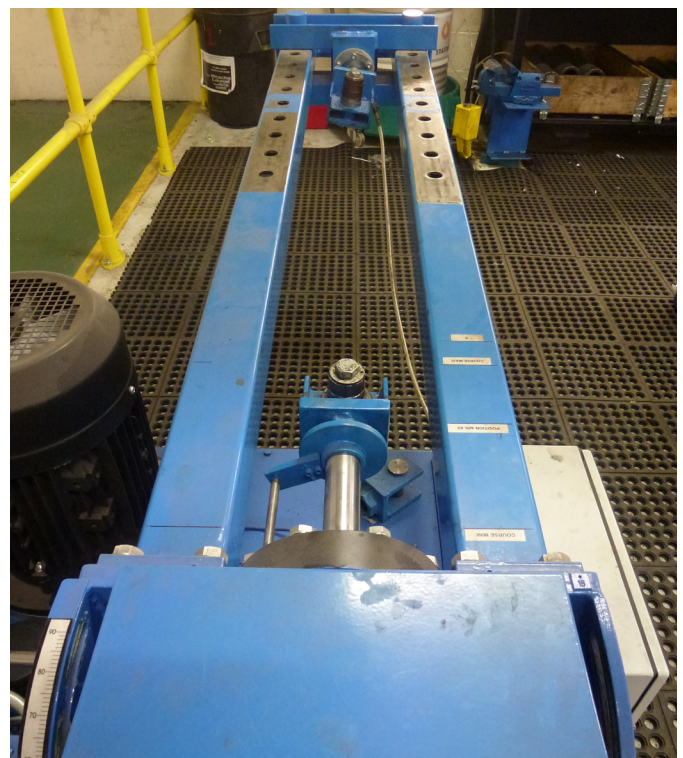




Saving on maintenance costs for trains and dampers is of prime concern to our customers. To meet this requirement, Dellner Dampers has developed a compact damper test machine, which will verify the damper forces within the specified tolerances levels.

The machine has been given a straightforward, purposeful design according to customer specifications. An ingenious quick clamping device, aiding the operator to clamp and release the damper swiftly, has been developed to bring testing time down to a minimum.

The test machine is delivered with a pre-set nominal velocity (typical 0,1 m/s). Damping forces are measured by a load sensor and shown on a display. The peak force is compared with the customer requirements to determine if damping forces are within the specified tolerances or if the damper is due for overhaul.



TECHNICAL DATA – TEST DEVICE

Exciting Frequency	0,5 Hz
Amplitude	8, 16, 32, 48 mm
Velocity	25, 50, 100, 150 mm / s
Max stroke length	230 mm
Traverse angle range	0 - 90°
Max damper length	1200 mm
Load Sensor	20 kN
System pressure	150 bar (Nom.)
Supply Voltage	380 V 50Hz / 3 phase
Max size vertical position	935 x 1425 x 2446 mm
Max size horizontal position	935 x 1425 x 2271 mm
Net estimate weight	450 kgs

