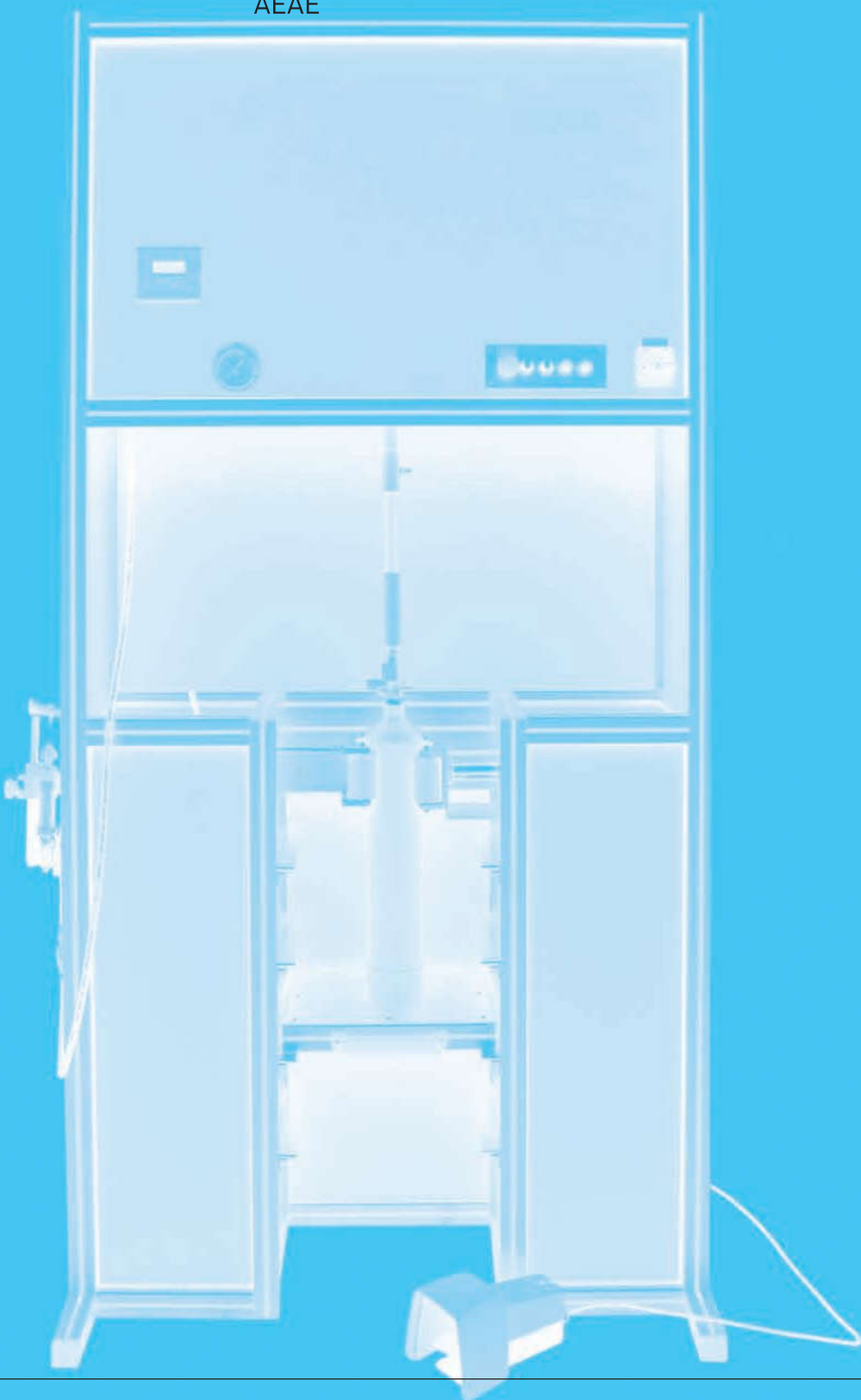


VALVE SCREWING UNITS

EA-120	118
EA-150	119
EA-150 PROTECT	120
AEAE	121



Safe functioning and high capacity screwing unit to screw and unscrew bottles and bottle valves.

Appropriate for the sizes between 80 mm to 210 mm diameter. For further sizes you require optional accessories which have to be demanded for. The pneumatic pressure cylinder, 125 mm diameter, reaches a high pressure to loose tightly fitted valves.

Appropriate for:

- » CO₂-bottles up to 10 kg
- » CO₂-cartridges possible with optional parts
- » CO₂-extinguishers
- » Breathing air apparatus
- » Diving bottles
- » N₂-bottles up to 10 litre

The unit is equipped with:

- » Special screwing adaptor
- » Potentiometer to adjust the requested torque
- » Height adjustment by a precise slideway



TECHNICAL DATA

Construction:	steel construction
Motor with gear:	380 V, 3-phase, 16 A, 50 Hz, 1.1 kW
Max. torque:	335 Nm
Speed:	0 – 30 U/min
Compressed-air:	5 – 10 bar
Dimensions (l x w x h):	approx. 1000 x 550 x 2500 mm
Colour:	hammer finish painted blue or silvergrey

Optional available at extra charge:

- » Two-hand operating of the clamping device
- » Equipped with connection for nitrogen and pressure gauge for nitrogen filling

The screwing unit EA150 screws and unscrews bottle valves from pressure cylinders having a volume of up to 80 ltr.

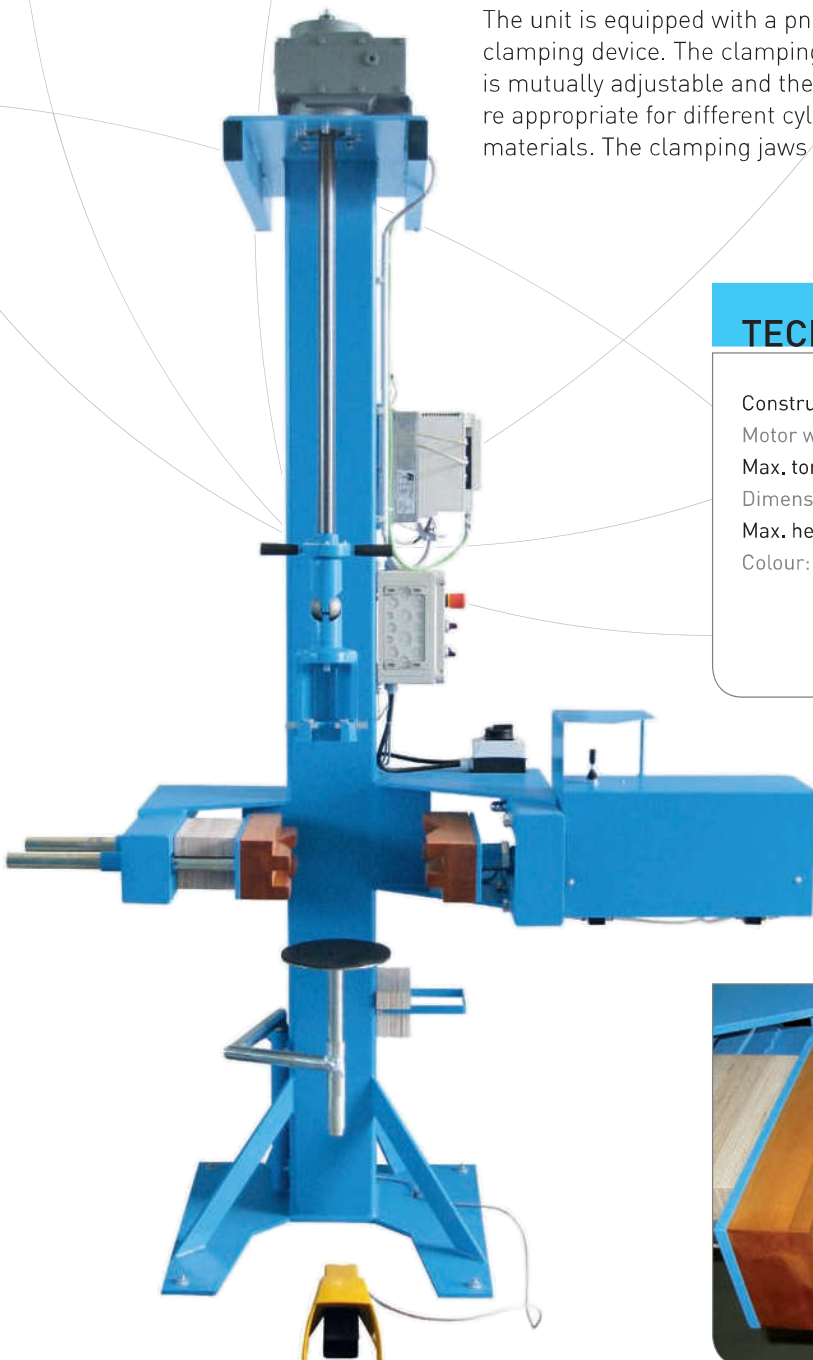
The unit disposes of a torque adjustment (0 – 925 Nm) and speed regulation (0 – 30 rpm). Cutoff is effected by torque control.

- » max. cylinder diameter: 350 mm
- » max. cylinder height: 1800 mm

The unit is equipped with a pneumatic clamping device. The clamping force is mutually adjustable and therefore appropriate for different cylinder materials. The clamping jaws are made

of softwood which makes sure that the paint of the cylinder is not defected. A height adjustable support provides a comfortable working height even for smaller cylinders. The support is covered with rubber plates to avoid any defect in paint work at the bottom of the cylinder. The robust construction of the unit makes sure that the appearing forces are disposed optimally while screwing and unscrewing.

All valves available on the market can be screwed and unscrewed due to the fully galvanized screwing bell. The unit is operated easily by foot switch.

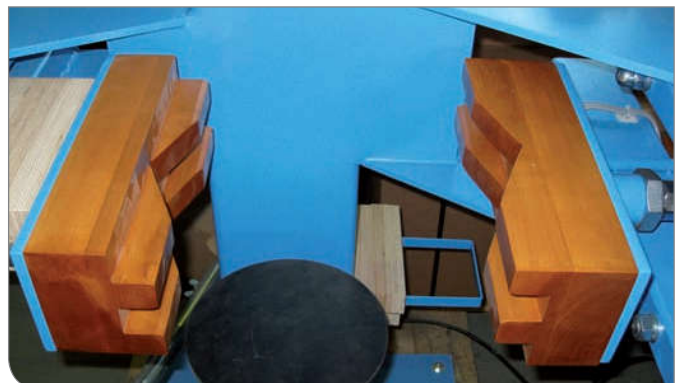


TECHNICAL DATA

Construction:	steel construction
Motor with gear:	3 x 400 V, 16 A, 50 Hz, 3 kW
Max. torque:	925 Nm
Dimensions (l x w x h):	approx. 1700 x 750 x 3100 mm
Max. height:	approx. 3800 mm
Colour:	hammer finish painted blue or silvergrey

Optional available at extra charge:

- » Two-hand operating of the clamping device
- » Extended shaft for cylinder height more than 1800 mm



The valve screwing and unscrewing unit EA-150 PROTECT is designed to screw and unscrew pressure cylinder valves in cylinders with volumes of up to approx. 80 litres.



The unit has torque adjustment (0 – 925 Nm) and torque speed regulation (0 – 30 rpm). The automatic cut-off mechanism is implemented using torque control. The unit is equipped with a sliding guard door and a perforated grid protective wall at the rear.

The unit is equipped with a pneumatic clamping device. The gripping force of this device can be adjusted and is therefore suitable for use with cylinders made from a variety of different materials. The clamping jaws are made of softwood to prevent damage to cylinder paintwork. The height adjustable cylinder seat provides a comfortable working height even for small cylinders and is covered with a rubber plate to prevent damage to cylinder bases. The robust steel girder construction ensures optimum distribution of the forces generated during the screwing in of valves and clamping. The screw-in socket is fully zinc-plated and suitable for use with all valves available on the market.

The unit is easily controlled using a pedal switch.

Optional available at extra charge:

- » Sliding guard door with pneumatic locking mechanism
- » two-hand operating of the clamping device

TECHNICAL DATA

Construction:	steel construction
Voltage:	230/400 V, 50 Hz, 16 A
Compressed-air:	5 bar
Motor with gear:	3 kW
Weight:	approx. 390 kg
Max. torque:	925 Nm
Dimensions (l x w x h):	approx. 1700 x 750 x 3100 mm
Colour:	hammer finish painted blue or silvergrey

Automatic valve screwing station with nitrogen filling, model AEAE appropriate for permanent portable fire extinguishers from 1 kg up to 12 kg. Valve screwing for powder, foam and water extinguishers.

The unit is equipped with a torque regulator (0 – 335 Nm) and cut-off is effected by torque control system.

The unit is equipped with:

- » Pneumatic clamping device with two-hand operating
- » Adjustable clamping pressure
- » Manual height adjustment
- » Pressure sensor with automatic cut-off feature
- » Safety valve 25 bar
- » Precise screwing tool especially adjusted to the extinguisher valve
- » Clockwise/ anticlockwise rotation

Optional available at extra charge:

- » Macrolon safety screen
- » Helium/Nitrogen inline inductor
- » Additional screwing tools for different valves



TECHNICAL DATA

Construction:	aluminium/steel construction
Motor:	230 V, 50 Hz, 8 A
Max. torque:	335 Nm
Compressed-air:	4 – 6 bar
Dimensions (l x w x h):	approx. 1000 x 600 x 2500 mm
Weight:	approx. 200 kg
Colour:	hammer finish painted blue or silver grey