PWENT
PWENT KERESKEDELMI ÉS SZOLGÁLTATÓ KFT.

SAFE END-OF-LIFE DECOMMISSIONING

GAS CYLINDER SCRAPPING MACHINE

PW-SCRAP300

A purpose-built press that permanently retires empty, valve-removed gas cylinders by punching a through-hole — the fast, certifiable way to scrap end-of-life bottles on site.

120–300 mm Ø

CYLINDER DIAMETER RANGE

CE MARKED | CLASS I | < 90 DB(A)



WHY OPERATORS CHOOSE IT

01
QUICK DIAMETER SET

Tool-assisted clamp adjusts across the full 120–300 mm range in seconds.

02
FAST SETUP

Plug-and-run on a single-phase 230 V outlet and 6 bar shop air — no special infrastructure.

03
GUARDED & SAFE

Full mesh enclosure, sliding-door interlock and twin emergency stops protect the operator.

04
CERTIFIABLE SCRAPPING

One permanent through-hole makes each bottle visibly and irreversibly unusable.

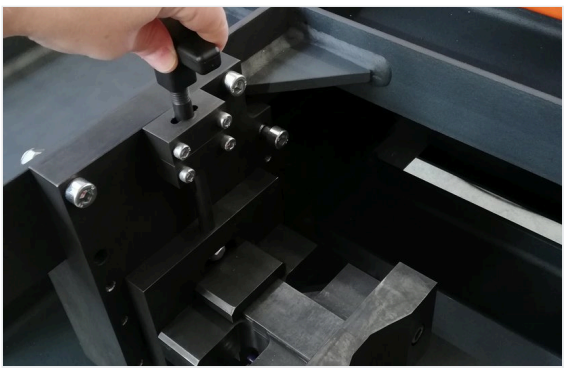
BUILT FOR

GAS DISTRIBUTORS
Industrial & medical cylinder fleets at end of life.

FIRE-EXTINGUISHER SERVICE
Refilling & servicing shops retiring failed bottles.

INSPECTION & TEST STATIONS
Bottles that fail periodic hydraulic testing.

SCRAP & RECYCLING
Certified, auditable decommissioning before metal recovery.



TOOL-ASSISTED DIAMETER CLAMP

Technical Data & Operation

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TECHNICAL & COMMISSIONING DATA

MACHINE ID / TYPE	ES-18031 · custom build
CYLINDER DIAMETER RANGE	120–300 mm
ELECTRICAL SUPPLY	230 V AC · 50 Hz
MAX. CURRENT DRAW	2 A
PROTECTION CLASS	Class I
PNEUMATIC SUPPLY	min. 6 bar · quick-coupling
MAX. AIR CONSUMPTION @ 6 BAR	≈ 250 Nl/min
NOISE EMISSION	< 90 dB(A)
OVERALL SIZE W×H×D	1600 × 1900 × 900 mm
WEIGHT	410 kg

SITE REQUIREMENTS

A single-phase 230 V socket and a 6 bar compressed-air line are all that is needed. Footprint 1.6 × 0.9 m; position with clear operator access to the loading door.

HOW IT WORKS

1. **PREPARE**
   Empty the cylinder and remove its valve — only depressurised, valve-free bottles are processed.
2. **LOAD & CLAMP**
   Set the diameter clamp, place the cylinder in the guarded cage and close the sliding door.
3. **PUNCH & SCRAP**
   The pneumatic press drives a punch through the wall, leaving one permanent hole — the bottle is now scrap.



LEFT: CYLINDER LOADED · RIGHT: THE PERMANENT THROUGH-HOLE

CONTROLS & SAFETY

- Signal / status beacon tower
- Lockable main power switch
- Twin emergency-stop buttons
- 24 V control cabinet
- Interlocked sliding-door guard
- Separate pneumatic cabinet
- START & acknowledge controls
- CE-compliant safety enclosure

OPERATOR PPE: hearing protection and protective gloves are mandatory. Electrical work only after the main switch is locked out.



FULLY GUARDED, CE-MARKED ENCLOSURE

REQUEST A QUOTATION

Talk to PWENT about the PW-SCRAP300

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