TECHNICAL DATA SHEET

Polytevo Series Manual Punching Machine

Lever- and handwheel-operated manual punching machines · 17 mm / up to 45 mm stroke · 150 × 200 mm nylon board



Polytevo Series Manual Punching Machine (ACS-4025L and ACS-4025H) — representative configuration

The Polytevo Series Manual Punching Machine (ACS-4025L lever, ACS-4025H handwheel) punches test pieces from rubber, plastic, films and leather. Image shown for reference; final configuration is confirmed in the quotation.

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SECTION I

Product Overview

Polytevo Series Manual Punching Machine (ACS-4025L lever-operated and ACS-4025H handwheel-operated) are manual punching machines that punch rubber, plastic, films, leather and other special materials into standard test pieces, with a 17 mm stroke (lever) or up to 45 mm stroke (handwheel).

The ACS-4025L and ACS-4025H punch rubber, plastic, films, leather and other special materials into standard test pieces for material testing machines. The ACS-4025L is operated by a lever; the ACS-4025H is operated by a handwheel and offers a longer stroke and a larger workbench. Both use a 150 × 200 mm nylon cutting board.

SECTION II

Core Advantages

— **Lever or handwheel operation** Choose the lever-operated ACS-4025L or the handwheel-operated ACS-4025H.

— **Nylon cutting board** A 150 × 200 mm nylon board is supplied with each machine.

— **Compact** ACS-4025L: 220 × 300 × 370 mm and 40 kg net; ACS-4025H: 520 × 450 × 520 mm and 80 kg net.

— **Wide material range** Punches rubber, plastic, films, leather and other special materials into standard test pieces.

— **Two stroke options** ACS-4025L: 17 mm stroke; ACS-4025H: stroke up to 45 mm.

— **Cutting dies** Cutting dies are not part of the package; die selection and compatibility are confirmed on the quotation.

SECTION III

Specifications

Technical data — ACS-4025L and ACS-4025H

Specifications	
Parameter	**Specification**
Brand	Polytevo Series by ACS Material
Product Name	Polytevo Series Manual Punching Machine
Models	ACS-4025L (lever) / ACS-4025H (handwheel)
SKU #	ERP7MPC1 / ERP7MPC2
Product type	Manual specimen punching machine
Materials	Rubber, plastic, films, leather and other special materials
Use	Punching standard test pieces for material testing machines
Nylon board size	150 × 200 mm

Model comparison — ACS-4025L / ACS-4025H

Model comparison		
Parameter	**ACS-4025L (lever)**	**ACS-4025H (handwheel)**
SKU #	ERP7MPC1	ERP7MPC2
Operation	Lever	Handwheel
Stroke	17 mm	Up to 45 mm
Platen diameter	Ø110 mm	Confirmed on quotation
Lever arm length	390 mm	—
Workbench size	220 × 300 mm	320 × 228 mm
Nylon board size	150 × 200 mm	150 × 200 mm
Overall dimensions	220 × 300 × 370 mm	520 × 450 × 520 mm
Net weight	40 kg	80 kg
Configuration	Main frame; nylon plate	Main unit; nylon plate

Accessories — Supplied nylon board

Accessories	
Accessory	**Description**
Nylon cutting board	Nylon board, 150 × 200 mm, supplied with each machine.

Scope of delivery

— **Standard configuration:** the punching machine (main frame) and nylon plate for the selected model.

— **Scope of supply** — final accessories and scope of supply are confirmed in the quotation.

SECTION IV

Applications

For punching standard test pieces from rubber, plastic, films, leather and other special materials for material testing.

Product value: manual punching of test pieces with a lever (17 mm stroke) or handwheel (up to 45 mm stroke) and a nylon cutting board.

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