

A NEW AGE IN PROCESS INNOVATION

SPINPACK OS-T

Spinneret Pack Opening System

THEMA SYSTEM

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SPINPACK OS-T

Spinpack OS-T is an **automatic opening system** for spinneret packs helping the operators during the manual cleaning activities.

The machine performs all phases automatically, ensuring **maximum efficiency** and **safety** for the operators.

Pack specifications

Min pack diameter *	72 mm
Max pack diameter *	128 mm
Min pack height *	119 mm
Max pack height *	155 mm
Min spinneret diameter *	36 mm
Max spinneret diameter *	100 mm

* adaptable to Customer needs and variations upon request



Automatic clamping:

The clamp automatically closes to the selected diameter, keeping the spin pack stable during the opening phase.

Automatic positioning and pressure:

The tool moves automatically to the correct position and applies the required pressure to open the spin pack.

Collection of inner parts and dust:

The inner components, together with the spinneret and dust, are collected into the lower cassette.

Specifications

Weight	1000 Kg
Dimensions L x H x P	1950 x 2150 x 1150 mm
Max power	8.0 KW
Nominal tension *	400 V
Connection	3Ph + N + PE
Frequency	50/60 Hz
IP	IP54
Communication port	Ethernet
Air pressure inlet	7 Bar
Pneumatic consumption	3,5 NI / min for 20 packs / h
Pressure force	10.000 N

* adaptable to Customer needs and variations upon request

Spinneret Pack Opening System

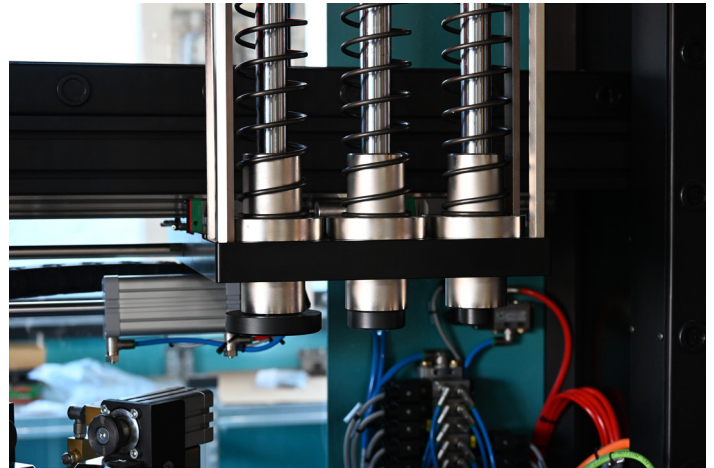
AUTOMATIC CLAMPING DEVICE

To hold the spin pack in the correct position during the opening phase. The system is automatically closing (motorized movement) at the spin pack selected diameter.



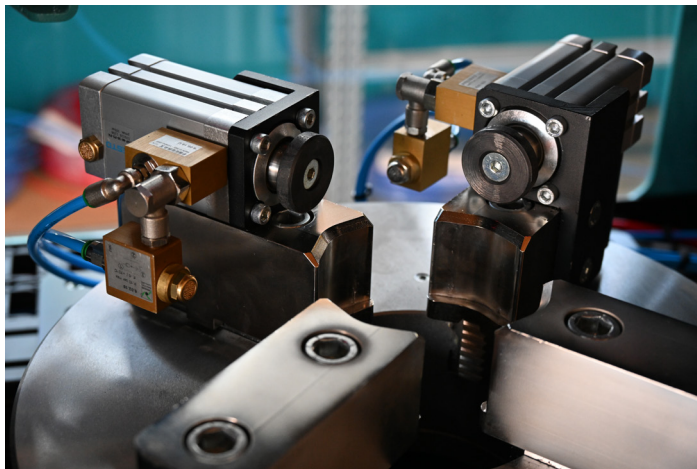
OPENING TOOLS

Opening tools to be used on different package diameters. The pressing tools are automatically actuated (pneumatic circuit) and the pressure force is adjustable from the HMI.



HAMMERS

Two hammers to mitigate the inner package frictions and to facilitate the opening of the package.



HMI AND CONTROLS

9" HMI, for configuration and settings.



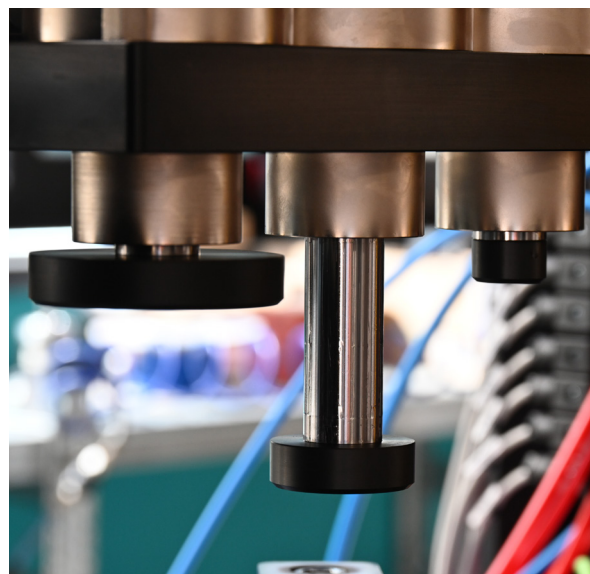
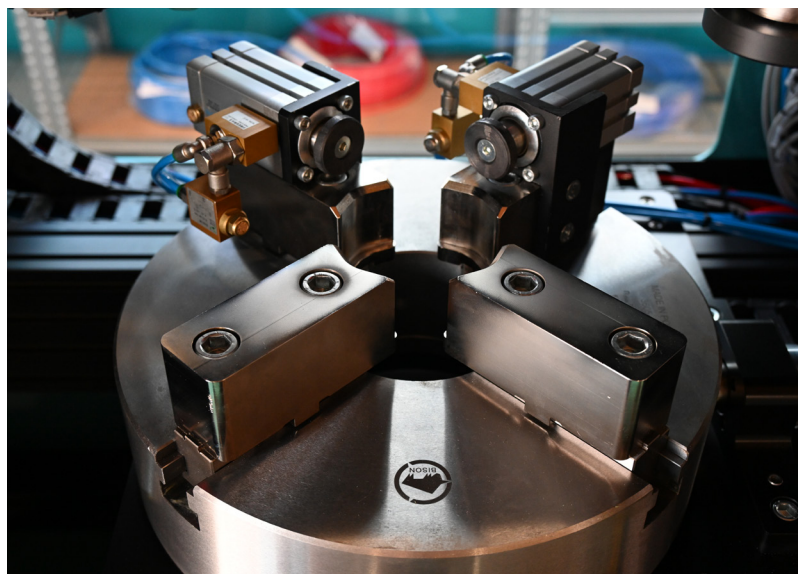
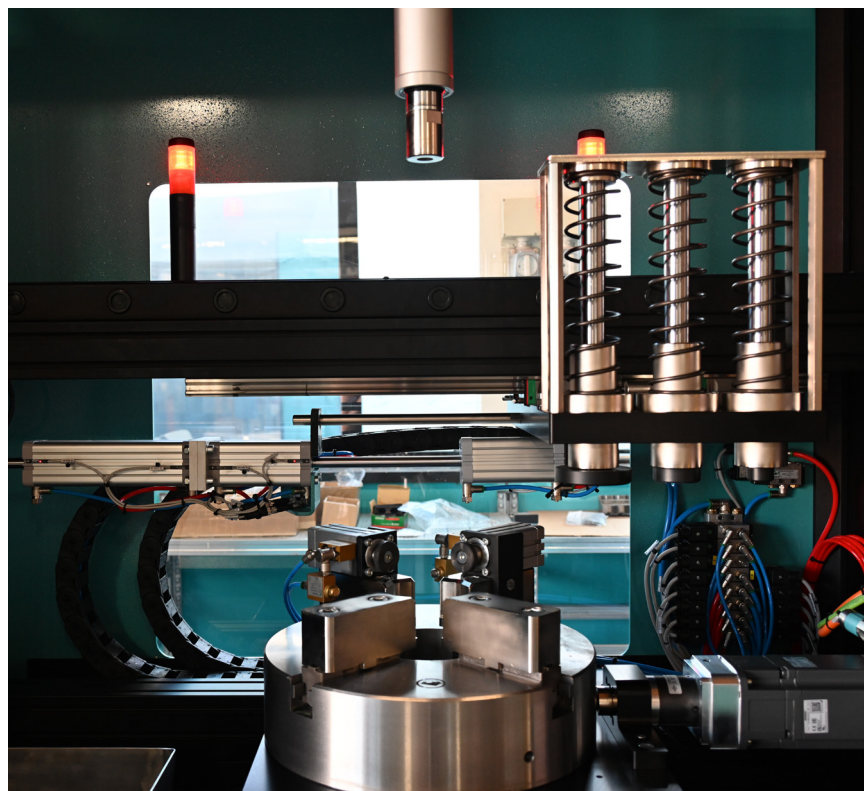
VIBRATING CASSETTE

To collect the spinning head and the pack inner parts after the opening phase.

- Soft surface design to avoid spinning head damages.
- Vibration, to facilitate the inner dust collection into the Dust Collecting Trolley (small holes design to allow the dust pass through)
- Left/right and tilting movements to discharge the "not-reusable" parts in a collecting box.

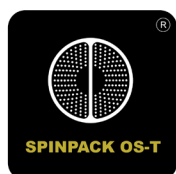


SPINNERET PACK OPENING SYSTEM



 **THEMA SYSTEM**
www.themasystem.com

THEMA 2 S.r.l. - Headquarter & workshop:
Via G.Puccini, 2/4 - 46024 Moglia (MN) Italy - Tel. +39 0376 556400
C.F. e P.IVA (VAT): 02300850209 - SDI: 2LCMINU
thema@themasystem.com
thema2@pec.it



Made in Italy

