



## TURRETS

- A QUALITY PRODUCT
- AN EFFICIENT TECHNICAL SUPPORT BEFORE AND AFTER SALE
- A COMPETITIVE OFFER
- A PERSONALIZATION OPTIMIZING CUSTOMER PRODUCTIVITY

*EPMO, expert partner in tooling for the pharmaceutical and cosmetics industries. For over 60 years, thanks to its three major activities, EPMO has been offering its customers solutions for powder compression, tooling and feeding systems for blister packaging, as well as parts for compression presses.*



**The product - Security**

The turret is the "heart" of a press. A turret in good working order enables the best capacity of production of a press. Conversely, a turret in bad working order reduces press efficiency, increases wear of punches and dies, and moreover, negatively impacts tablet quality and press yield.

**Design :** The EPMO turrets are conceived in our design office in Europe. They are manufactured and controlled in our factory, which already has produced more than 4 500 turrets. For more than a half century, we manufacture turrets and spare parts for all major brands of presses.

**Options :** The EPMO turrets are intended to replace the original turret. They can be completely the same as the original turret or have some new options which were not available when the press was purchased.

Most of our turrets are delivered with accessories: scraper seal or bellows seal, die lock and self-retaining punches. Many options are proposed.

Our standard offer, described hereunder, answers 90 % of our customers' needs:

- Steel and cast iron turret
- Nickel-plate protection on upper section
- Hard chrome on die table
- Inspection report and material certifications
- One year parts and labor warranty

**The dedicated services offer - optimization**

Beyond the product, EPMO can accompany you, from the beginning of your project.

We assess the turret on site to establish the wear level. Once the turret is manufactured, this can be directly sent to the customer site.

We also can propose gauging of pre and main compression set-points on presses fitted with constraining gauges. This intervention is necessary after dismantling and mounting of a turret.

**Technical data – For all presses types**

247 models of different turrets are available for presses Fette, Kilian, Manesty, Korsch, Stokes, Courtoy...

- Turrets fitted to standard tooling :
  - EURO B, EURO D and EU1"441 according to ISO norm 18084 : 2005
  - EURO B, EURO D and EU1"441 according to NF E norm 63-401 : 1997
  - KILIAN 20/28 et 25/32, EU 35, EU 45...
- Turrets for compression of pharmaceutical and pyrotechnical powders, salts, washing powder, and more.
- Interchangeable or fixed turrets
- Turrets fitted for using of bellows seals on upper and lower punches
- Turrets for tablets with holes.
- Steel and cast iron turret or stainless steel turret
- Steel, stainless steel or hardened steel die table
- Nickel-plate protection on upper section and possibly on lower section
- Hard chrome 70 HRc on die table with a thickness between 0.025 mm and 0.05 mm. Optional wear-plate for very abrasive products. Possibility to add flash chrome on non-protected areas of the die plate.
- Flatness of die plate with an interval of tolerance of 0.03 mm
- Punch bores surface and die socket : Ra = 0.2
- Tolerance between retaining plan of the turret and high die plate = +/- 0.025 mm for interchangeable turrets and +/- 0.05 mm on the other turrets.

**ADVANTAGES**

**Requirement of quality :** choice of materials, manufacturing accuracy, metrological inspection. The EPMO turrets perfectly answer the highest requirements of our customers' applications.

**Competitive price :** from 10 to 30 % less in comparison with original equipment manufacturers.

**EPMO's proposal strength :** after customer needs analysis, we define the necessary options.

**Installation on site :** by a team of experienced technical people and multi-lingual (French, English, Spanish).

**After sale service :** technical people are entitled for inspection reports of turrets.

**Turret display & Training :** a turret is exhibited in EPMO's showroom.

**THE PRESS PARTS IN SHORT**

Parts with an excellent quality, a very competitive price and 50 years experience.

Compatible parts and a first class service in Europe.

Many references available.

An efficient and available technical support.

Due to continued updating of our equipment, the texts, illustrations and technical specifications mentioned on these pages are illustrative only and are subject to change without notice.

**EPMO**

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