

Maximum reliability and productivity even with the most abrasive materials, the 3090i H2 tablet press

A wide range of interesting developments has been implemented in the 3090i H2. Their combined effect radically reduces wear, leading to much more reliable production. This is done while simultaneously treating the product with more care and improving productivity. The 3090i H2 puts a press on the market whose carefully thought-out features, top technology and potential for high reliability ideally satisfies the very special requirements met when manufacturing, for instance, toroidal battery cores and catalytic converters.

- The machine is particularly designed for use in the engineering and chemical industries
 - User-oriented technology and process-related options
- Exchangeable turret
 - Changeover times have been found in practice to be barely 2 hours from stopping production before starting a new production run
- Dies or optional segments
 - Simpler structure, more punch stations
- Die turret option having abrasion plates
 - Protection from abrasive products
- Segments have greater basic strength
 - Abrasion plates not necessary
- Roller guided punches
 - Reduced wear, machine runs more smoothly; optional mushroom-head punch
- Bellows on the lower punch
 - Complete protection of the punch guides permits long, continuous production times
- Ring for middle pin mounted in separate turret section
 - Good sealing of the lower cam chamber
- Open cavity-fill shoe or Fill-O-Matic
 - Gentle handling of the granulation during filling
- Punch saving (patented)
 - Protection of the punch from damage
- Optimized ejection force measuring system
 - Accurate measurement of the force at each individual punch
- Ring shape tablets and multi-layer possible
 - Variety of formats on one press
- Optional single-sided outlet with segments
 - Simpler product discharge
- Torque drive
 - Needs almost no servicing, no gear box



Punch type	EU 45		EU 35	
	Segments	Dies	Segments	Dies
Number of segments/dies	5	37	7	45
Number of punch stations	40	37	56	45
Output (single layer)				
min. tablets/h	72,000	66,000	100,800	81,000
max. tablets/h	240,000	222,000	336,000	270,000
Max. tablet diameter	44	44	34	34
Max. filling depth	40	60	40	60
Upper punch penetrat. depth	3-12	3-12	3-12	3-12
Upper punch length	245.6	245.6	245.6	245.6
Lower punch length	489.6	489.6	489.6	489.6
Die diameter	-	63	-	52
Max. compression force	160	160	160	160
Max. pre compression force	160	160	160	160
Dimensions (L x W x H)	1560 x 1560 x 2900	1560 x 1560 x 2900	1560 x 1560 x 2900	1560 x 1560 x 2900