



## Special Granulators

### Type SMP

#### automatic draw-in of pipes and profiles

The size reduction of long pipes, plates and profiles is confronting traditional granulators with considerable problems. Pits or platforms are necessary for feeding, the long pieces often have to be cut before feeding.

We have stopped with all this fuss and troubles!

#### Horizontal feeding - automatic draw-in

The Herbold granulators type SMP have specially been developed to be able to feed long pipes, plates and profiles without cutting them into sections before. The multi-knife rotor of this granulator has been designed in a way that it automatically draws in the pipes and profiles after having entered them into the feed channel.



*SMP 45/70 'C' with complete soundproofing and additional feed for short pieces*

#### Simple integration in the production process

When developing the granulators of the SMP series special importance has been attached to a space-saving design combined with a compact sound enclosure. This construction allows to integrate the SMP granulators without problems in any manufacturing sequence.

#### New cutting geometry! Rotor and bed knives are chevron-shaped

The heart of this new construction is the chevron-versus-chevron arrangement of bed and rotor knives. This cutting geometry ensures a throughput which is considerably higher compared to other types of knife configuration at the same motorization. It prevents material from being transported to the sides, and this way avoids the risk of plastification.

### Herbold Profile granulators

Type	Rotor Ø x Width mm	max. pipe Ø mm	Drive kW	Weight kg	Capacity kg/h
SMP 22/30	220 x 300	80	5,5 - 11	900	100 - 150
SMP 35/42	320 x 420	100	11 - 22	1400	150 - 300
SMP 45/70	450 x 650	225	22 - 45	2800	500 - 800
SMP 45/101	450 x 1000	225	30 - 75	4000	600 - 1400
SMP 60/70	600 x 650	280	37 - 75	4200	600 - 1400

Specifications are not binding and subject to change without notice.

**The typical features of the Herbold granulators of the SMP series**

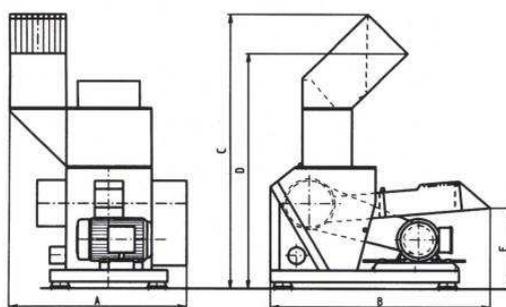
- grinding chamber with ease of accessibility for knife replacement or cleaning (hydraulic opening device is standard from SMP 45/70)
- screen is removed by lowering the screen support without opening the machine
- true scissor cutting action through the chevron-shaped configuration of rotor and bed knives
- regular equipment with additional flywheel
- rotor and bed knives can be adjusted outside the granulator in a fixture
- outboard bearings, completely separated from the grinding chamber
- constant cutting circle by means of adjustable rotor and bed knives
- integrated sound insulation as an option (particularly compact machine, ideal to be used as a beside-the-press granulator)



*Herbold pipe granulator type SMP 22/30 EV with roller feed device and horizontal feed channel, fully sound proofed*



*SMP 45/70 with horizontal feed trough and additional feed hopper, without sound proofing*



SMP 60/70	1650	1950	2600	2250	850
SMP 45/101	1950	1900	2450	2100	700
SMP 45/70	1650	1900	2450	2100	700
SMP 35/42	1420	1750	2350	2000	600
SMP 22/30	1300	1670	2220	1870	500
Type	A	B	C	D	E

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