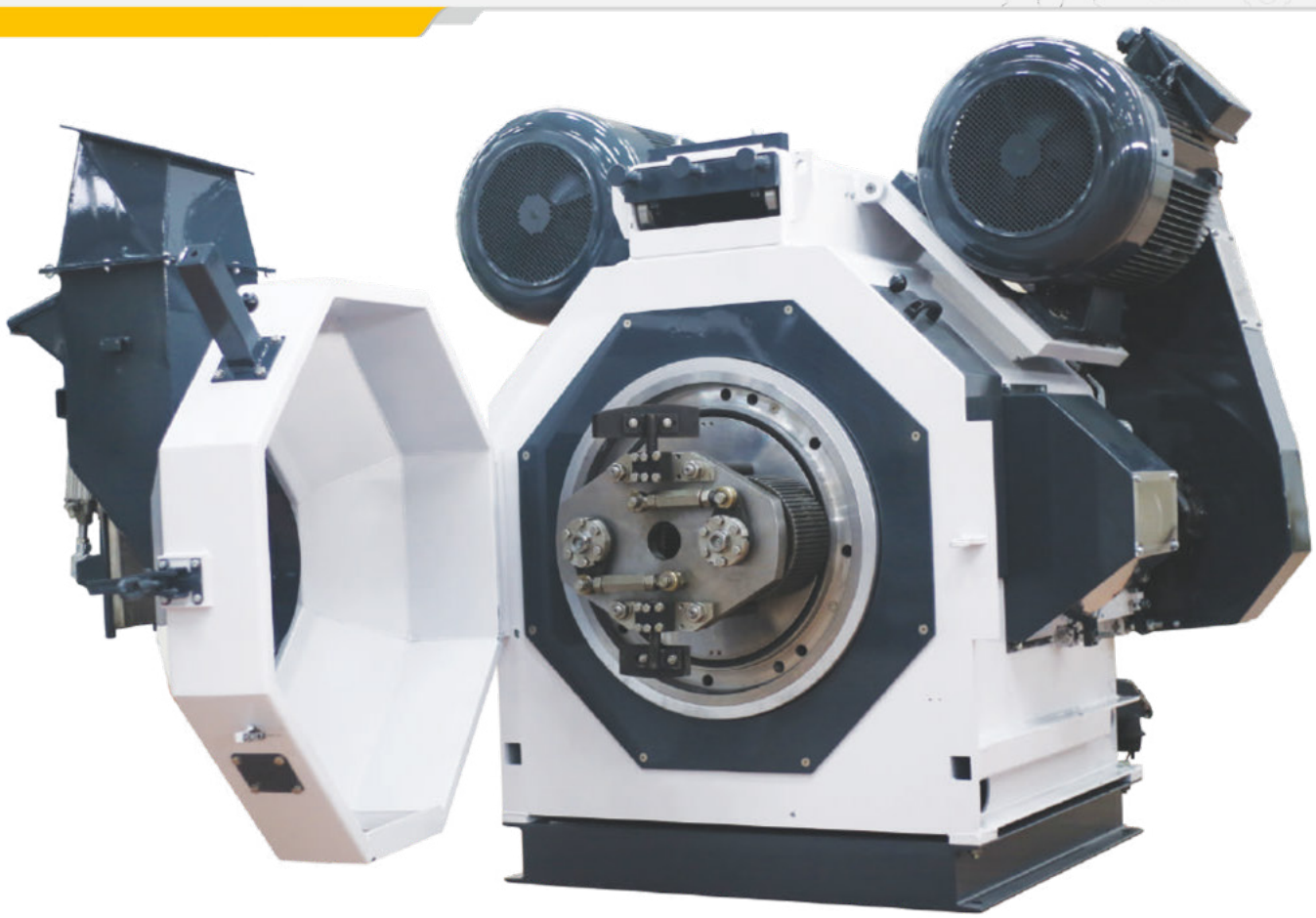
Pellet Press



Feed needs to get in pellet form not to go off its homogeneity while packaging, lifting and distributing to mangers. Feedtech has designed high efficient pellet presses to pellet various goods. The partially patented innovations offer a unique price/performance ratio. A technological concept ensures distribution of the enormous mechanical forces on the heavy bearings of the solid main shaft and intermediate shafts.

The stepped transmission via V-belts and timing belts permit the application of higher motor powers. Combined with the refined transmission, the robust frame guarantees a stable and vibration-free pellet mill during production.

FEATURES

- Safety switches on main lid and side protections
- Two stage power transfer with V-belt and trigger belt
- Sensory tracking on rollers
- No cable needed in pelleting chambers with wifi signalling
- Calibrating rollers at the optimum level to avoid compression during production
- Chance for adjusting roll range as press runs
- Hydraulic unit
- Analog measurement system
- Safety pin in roller calibration shaft
- Sliding suspension system to lift dies and rollers
- Adjustable die speed, 3.5-8 m/seconds
- Speed sensor
- Conic die holder and iron casting ring
- 2 or 3 roller system
- Eccentric roller shafts
- 2-motor drive system
- Manual or automated roller adjusting
- Central lubricating system
- Stainless steel double walled lid, powder plate and bypass lid
- Robust main shaft rotating on the bearings
- Operates quietly and vibrate-free with two-stage power transfer

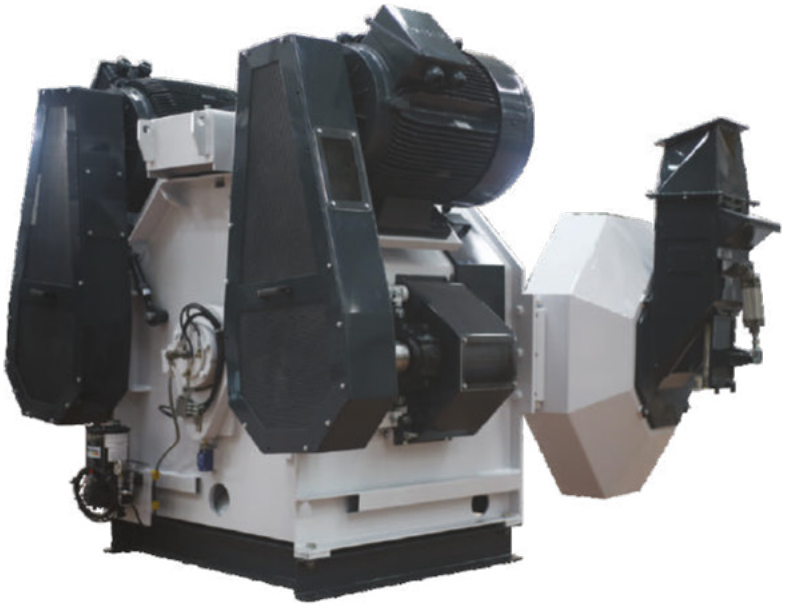
ADVANTAGES

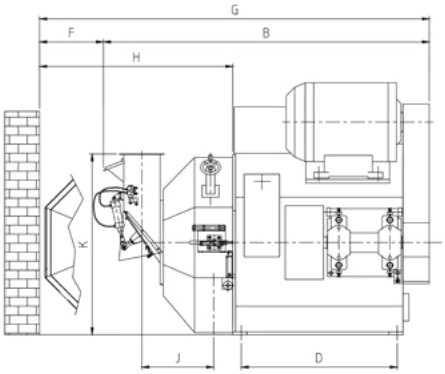
- Very stable, vibration-free and near-silent pellet mill
- Large die surface area and roller diameter
- Large motor powers
- Variable die speed
- Longer lifetime of die and rollers
- Conical die fitting
- Central greasing system
- Longer lifetime of main shaft bearings
- Integrated pneumatic quick-dump chute
- Cutting knife, fixed on press frame
- Integrated hoist facility
- Minimal maintenance costs
- Easy to clean
- Simple design
- Central electrical connection box

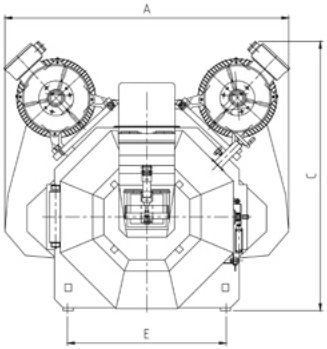
OPTIONS

Dependent on the type of the Pellet Mill several options are available.

- Remote roller adjustment (ARA)
  Increases the efficiency and simplifies the adjustment of the rollers during production. No critical components in pellet chamber.
- Quick die change system (QDC)
  Improves efficiency by shortening die replacement time to approx. 15 min.
- Roller Traction Control (RTC)
  Optimum non-slip adjustment of rollers during production. Extends the lifetime of dies and roller shells and increases the production efficiency.

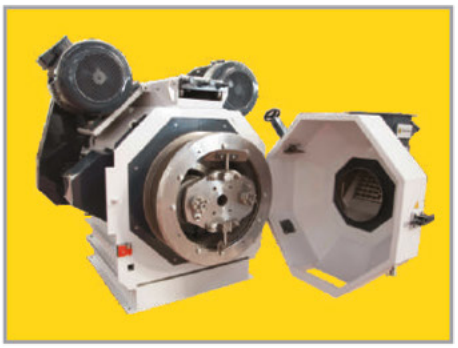


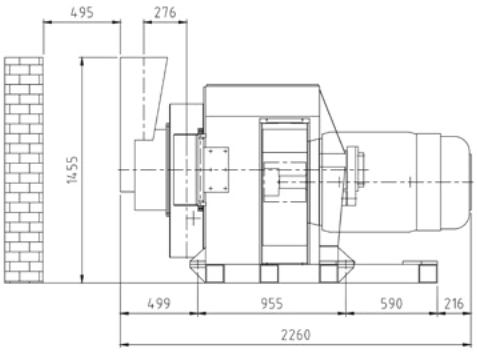


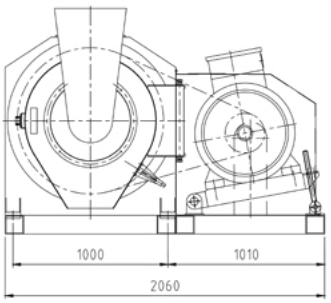


PELLET PRESS

Type	Motor Power (kW)	Size										Number of Rollers	Diameter Rollers (mm)	Die Dimensions			Weight incl. Motor (KG)
		A	B	C	D	E	F	G	H	J	K			Internal (mm)	Width (mm)	Area (cm^2)	
580x146	2x75	1980	2035	1595	1000	1120	450	2485	1260	423	1275	2/3	265	580	146	2658	5500
650 x 175	2x90	1900	2200	1750	1100	1120	450	2650	1260	488	1275	2	298	650	175	3571	6000
700 x 190	2x90(110)	2000	2300	1900	1100	1120	450	2750	1360	506	1275	2	315	700	190	4179	6250
850x210	2x 132 (160)	2530	2540	2270	1180	1470	550	3100	1510	551	1680	2/3	390	850	210	5605	9000
900 x 228	2x 160 (132)	2530	2560	2270	1180	1470	550	3140	1525	591	1680	2/3	408	900	228	6433	9500
900 x 275	2x200 (160)	2530	2590	2270	1180	1470	550	3160	1575	636	1680	2/3	408	900	275	7771	10000







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450 x 106	1 x 110	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2/3	204	450	106	1500	3000