YEMMAK

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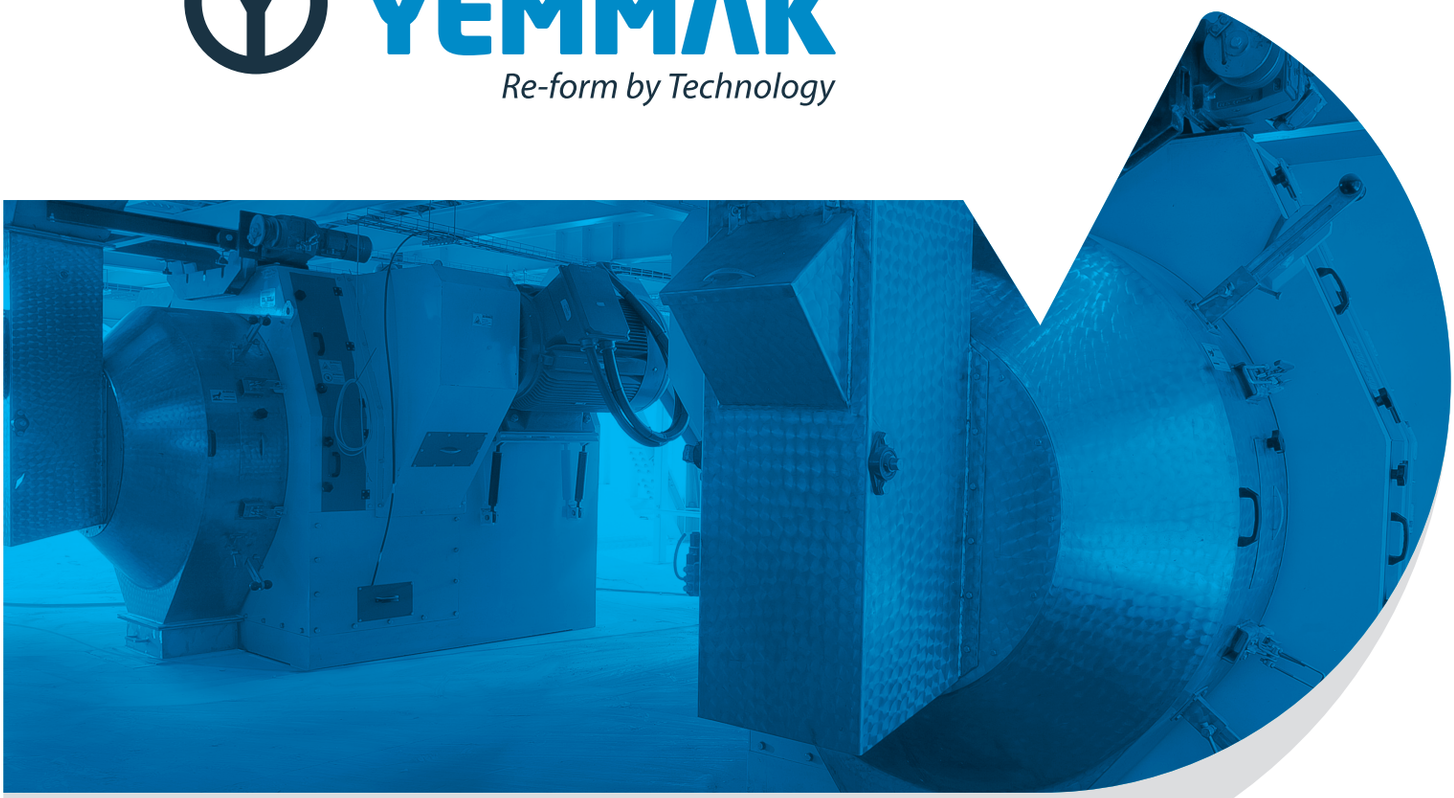
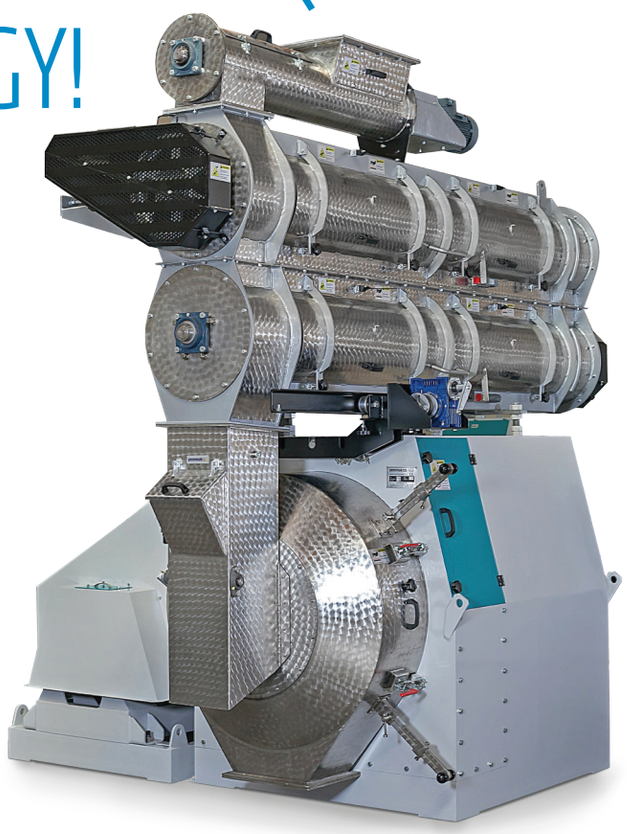


PELLET MILL

INDUSTRIAL PROCESS SOLUTIONS

FORGE AHEAD WITH HIGH QUALITY PELLET TECHNOLOGY!



FEATURES

- Homogeneous, high quality pellet production
- Speed controlled feeding screw
- Conditioner with pre-adjusted paddles in the shaft and a steam adding treatment
- Pellet production with requested diameter
- Equipped all steam accessories
- Dies and rolls imported from Germany
- Single or twin engine for operational conditions
- Safety pin for immediate charges or impacts
- A wide range of capacities
- Low investment, production and maintenance costs
- Maximum flexibility and versatility
- Spare parts support and customer service

LIVESTOCK POULTRY BIOMASS CHEMICALS

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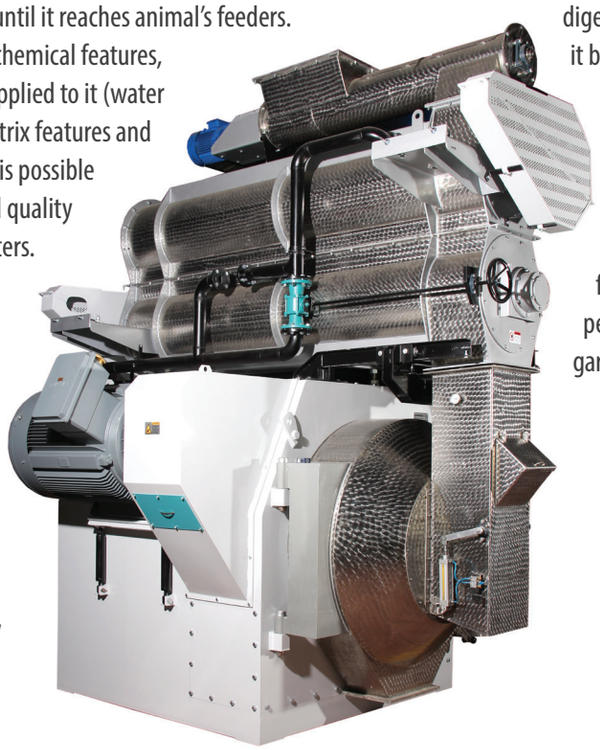
PELLET MILL

Pelleting process in the mixed feed industry shows increase due to the pellet feed's physical (ease of transport, declining homogenization and growing intensity) and the positive impact on the performances of the animals which are fed with this feed. The positive impact of the pellet feed depends considerably on the pellet's physical quality. During the pellet feed production, it must be aimed to protect its form until it reaches animal's feeders. The features of feed (physical and chemical features, formulation) and the technology applied to it (water steam, tempering, oil addition, matrix features and cooling) affects the feed quality. It is possible to produce pellet feed at a required quality by taking aforementioned parameters.

Yemmak pellet mills work at the optimum capacity in small or large facilities. Semi-finished materials are transferred to the conditioner unit with the feeding screw. After the materials are conditioned with steam in the conditioner unit, they are transferred to the pressing section. Materials which are evenly distributed in the pressing section, are pressed between rolls and the die. Required pelleting can be done with the adjustable knives. Yemmak pellet mills ease transportation and stocking. It helps digestibility. It prevents disintegration. It helps achieve minimum loss during consumption. It ensures higher benefit from the unit volume compared to dust feeds.



The feed that is cooked with steam, becomes more digestible for the animals since the starch in it becomes gelatinized. It kills the harmful, pathogen bacterias (Salmonella).

The cost of stocking and transportation of the feed becomes more affordable after getting denser by pelleting. Other than the feed industry, it is used broadly for pelleting bran, pulp, wood, compost, garbage, hop, bagasse and sugar beet pulp.

AREAS OF USAGE

- Mixed feed mills
- Food plants
- Chemical plants
- Wood sawdust pelleting mills
- Straw pelleting mills
- Alfalfa pelleting mills
- Fertilizer pelleting mills

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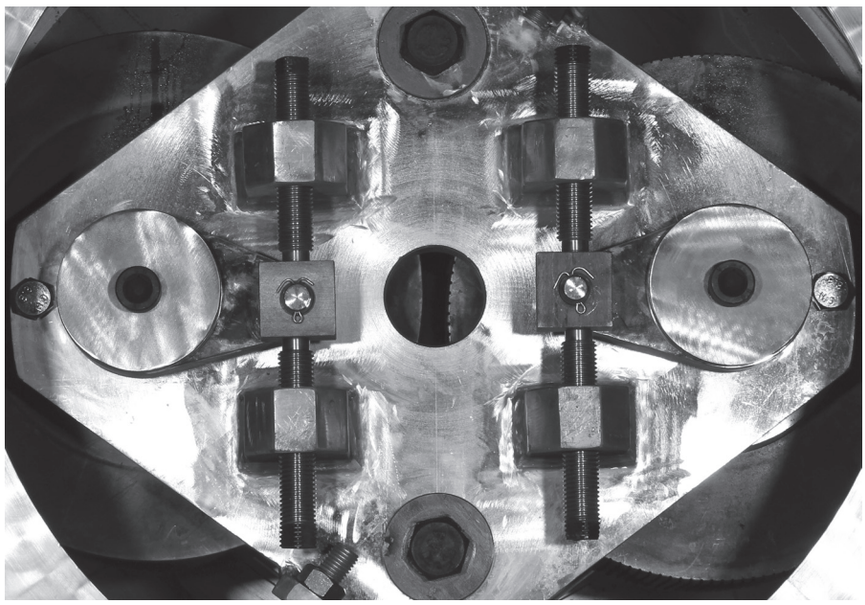

The Advantages of Pelleting in the Feed Industry

1- The digestibility of the material increases with grinding, heat, pressure and steam.

2- The taste enhances and the unit of energy increases after molasses and oil are used.

3- It prevents animal's choosiness and ensures they are having a homogeneous feed.

4- It prevents the diseases that can be transmitted through feeds.

5- Dust output is prevented.

6- Infestation decreases, and the microorganism reproduction is kept low.

7- Loss due to sunlight and oxidation in storage declines.

8- Takes smaller space in transportation, increases the mechanization while carrying and feeding.

9- Allows addition of liquid feeds upon the pellet.

Conditioner

To obtain the best results from steam adding treatment, the paddles on the conditioner shaft are adjustable so that maximum conditioning time can be obtained. According to needs conditioning, it can be prepared as double deck.

Dies and Rolls

Dies and rolls are all imported and they are made from German patent alloyed steel.

Door

The pellet mill door is manufactured from stainless steel. Two pellet cutting knives are assembled on a separate part of the body so that the door can be opened in safety without altering the settings of the knives.

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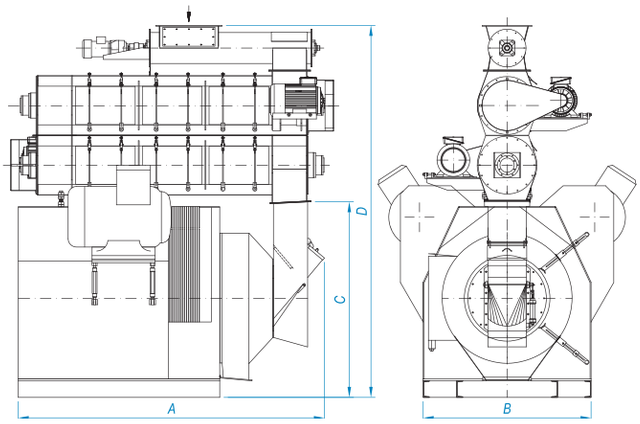
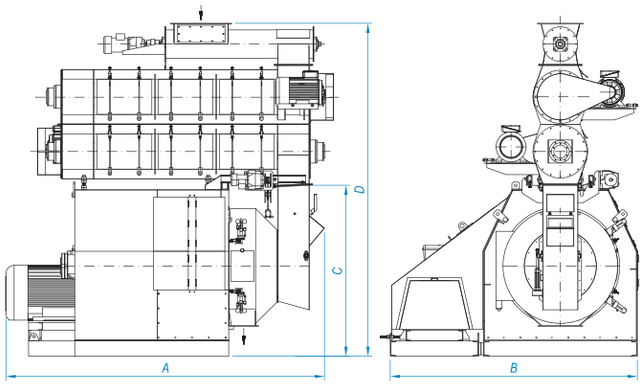


TWIN ENGINE PELLET MILL



SINGLE ENGINE PELLET MILL

MODEL SM(SINGLE MOTOR) DM (DOUBLE MOTOR)		DIMENSIONS (mm)				MAIN ENGINE	CONDITIONER	FEEDING SCREW	DISK		CAPACITY (ton/h)
		A	B	C	D	POWER (kw)	POWER (kw)	POWER (kw)	DIAMETER (mm)	WIDTH (mm)	
P2	420/78 SM	2130	2100	1250	3045	55-75	7,5	3	420	78	max. 10
	420/108 SM					90				108	
	420/138 SM					110				138	
P3	520/138 SM	3240	2320	1520	3320	132	7,5	3	520	138	max. 15
	520/178 SM					160				178	
	520/138 DM	2170	1420	1520	3320	75x2				138	
	520/178 DM					90x2				178	
P4	660/178 SM	3390	2700	1850	3760	160-200	11-15	4-5,5	660	178	max. 20
	660/228 SM					200-250				228	
	660/138 DM	2600	1500	1850	3760	90x2				138	
	660/178 DM					110x2				178	
	660/228 DM					132x2				228	
P5	900/228 SM	4050	3210	2350	4500	315	18,5-22	5,5-7,5	900	228	max. 30
	900/228 DM	3320	2000	2350	4500	160x2				228	
	900/265 DM					185x2				265	
	900/300 DM					200x2				300	

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