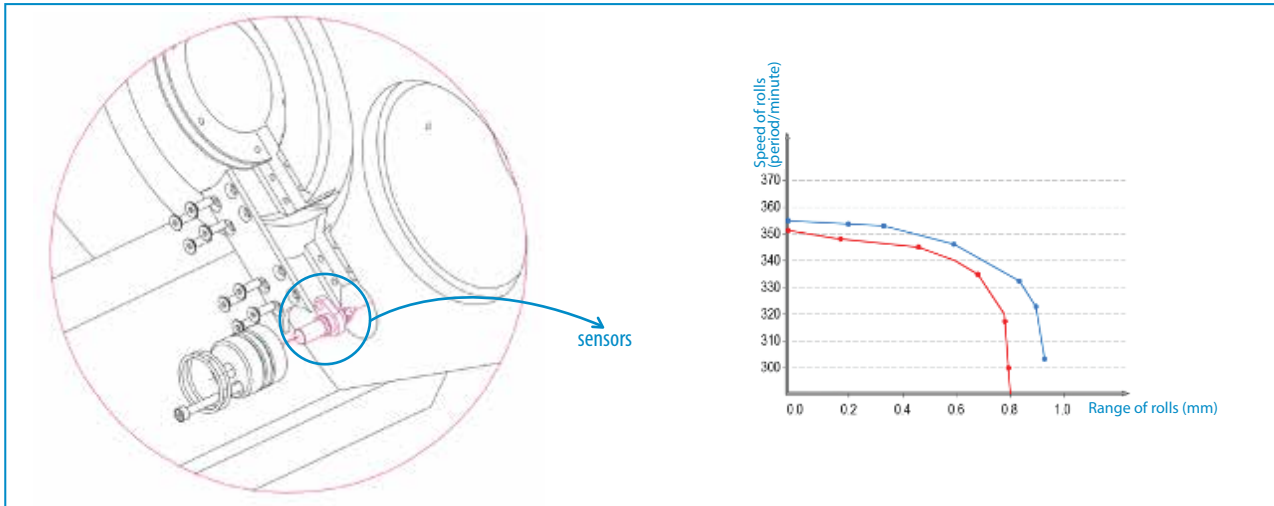
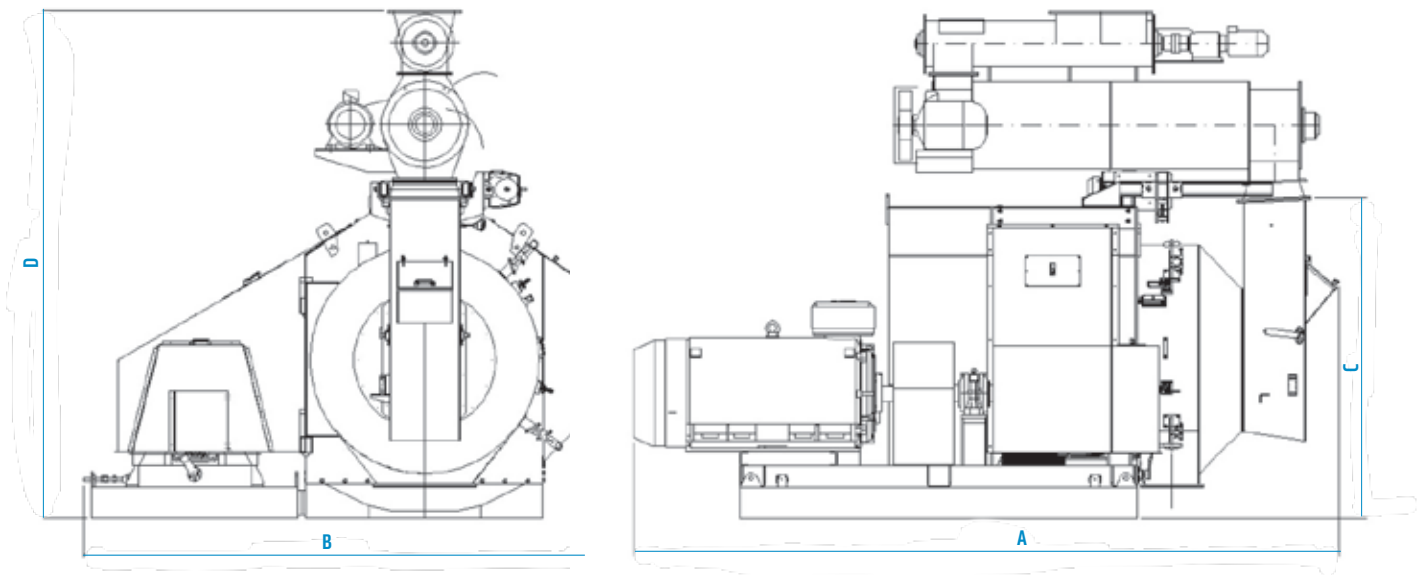


ROLLER SPEED MONITORING SYSTEM

The distance between die and the roller in the of the milling section of the machine is ideally between 0 to 1 millimeter. Research shows that as the distance approaches 1 millimeter, the amount of energy needed for pressing increases up to 1.2 times that of normal. The machine presses using a single die and two separate rollers. Both rollers need to have equal loads and pressing distances between them to ensure a homogeneous pelleting process. A change in roller-die distance may cause rollers to slow down or even stop. The specially designed sensor mechanism monitors the speed of both rollers and displays it online through the PLS panel, and the system also automatically protects itself in case of an overspeed roller.



TECHNICAL DRAWING



MODEL		DIMENSIONS (mm)				MOTOR	CONDITIONER	SCREW FEEDING CONVEYOR	DIE		CAPACITY (t/h)
		A	B	C	D	POWER (kW)	POWER (kW)	POWER (kW)	DIAMETER (mm)	WIDTH (mm)	
P3	520/78 SM	3525	2320	1520	2690	160	7,5	2,2	520	78	1-2,5
P4	660/110 SM	4250	2950	1955	3150	200-250	15-18,5	3	660	110	3-3,5
P5	900/138 SM	4620	3275	2100	3325	315-355	18,5-22	4	900	138	4-5

SM :Single Motor

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