

	55	75	90	90HD	125
Feed transport capacity lb/h (*)	1146	2866 (1) 1322 (2)	5291 (1) 6834 (2) 8598 (3)	6834	11904 (1) 22928 (2)
Feed amount/ft tube (lb) (*)	0.47	1.28	1.68	1.68	3.22
Maximum length (ft) (9.8 ft inclination)	200 (295**)	200	140	200 (no inclination)	92
Max run time/day (h) (****)					
Elbow	Tube				
N	N		2		< 2
S	N		not applicable		
PE	N		not applicable		4
No elbow	N		4		
S	S		not applicable		
Power unit kW (***) 3 phase - 50 Hz	0.37	0.75 (1) 0.37 (2)	0.75 (1) 1.1 (2) 1.5 (3)	1.5	1.1 (1) 1.5 (2)
RPM – 50 Hz	350	350 (1) 175 (2)	350 (1) 450 (2) 550 (3)	450	290 (1) 390 (2)
Power unit kW (***) 3 phase – 60 Hz	0.4	0.9 (1) 0.4 (2)	0.9 (1) 1.3 (2) 1.8 (3)	1.8	1.3 (1) 1.8 (2)
RPM – 60 Hz	420	420 (1) 210 (2)	420 (1) 540 (2) 660 (3)	540	348 (1) 468 (2)
Max. pellet diameter (")	1/4	5/16	3/8 15/32 (w/auger 75)	3/8	3/8
Outside diameter tube (")	2-1/4	3	3-1/2	3-1/2"	5"
Wall thickness tube (")	0.09 (N)	0.13 (N)	0.13 (N) 0.06 (S)	0.13 (N) 0.06 (S)	0.2 (N) 0.08 (S)
Wall thickness elbow (")	0.09 (N)	0.13 (N)	0.13 (N) 0.22 (PE) 0.06 (S)	/	0.20 (N) 0.28 (PE) 0.12 (S)
Elbow radius (ft)	4.92	4.92	4.92	/	4.92/7.2
Maximum inclination (****)	75°	75°	75°	horizontal!	45°
Suspension points	Novicor: every 59" / steel: every 3 118"				
Outside diameter auger (")	1.51	2.37	2.69	2.89	3.72
Inner diameter auger (")	0.88	1.43	1.75	1.75	2.58
Auger pitch (")	1.23	1.62	2	2.12	2.59 (1) 3.34 (2)

(*) For commercial mash, crumble or pellets (diameter 0.12") with a specific weight of 41 lb/ft³ and full tube application!
Under horizontal installation upper boot

With restrictor or tandem inline, max. capacity -25 %

With 60 Hz motor, max. capacity +20 %

Pellets diameter ≥ 15/64", max. capacity -20 %

(**) With fill points every 1.64 ft and for pellets only (not for meal)!

(***) 0.75 kW = 1 HP!

*(***) Deviation from the maximum inclination advice will affect the capacity considerably. For specific uses, like breeder applications, check the U&A Guide.*

*(****) For abrasive feed, such as layer feed and any other than commercial feed for poultry and pigs, the maximum running times are considerably shorter.*

(N) = Novicor, (S) = Steel, (PE) = Polyethylene