Flex-Auger™

		55	75	90	90HD	125
Feed transport capacity (kg/h) (*)		520	1300 (1) 600 (2)	2400 (1) 3100 (2) 3900 (3)	3100	5400 (1) 10400 (2)
Feed amount /m tube (kg) (*)		0.70	1.90	2.50	2.50	4.80
Maximum length (m) (3 m inclination)		60 (90**)	60	42	60 (no inclination)	28
Max run time/day (h) (*****)						
Elbow	Tube					
N	N	2				< 2
S	N	not applicable		4		
PE	N	not applicable		4		4 (1) 2 (2)
No elbow	N	4				
S	S	not applicable		4		
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 (mm)		6	8	9 12 (w/auger 75)	9	9
Outside diameter tube (mm)		56	75	89	89	127
Wall thickness tube (mm)		2.5 (N)	3.2 (N)	3.4 (N) 1.5 (S)	3.4 (N) 1.5 (S)	5 (N) 2 (S)
Wall thickness elbow (mm)		2.5 (N)	3.2 (N)	3.4 (N) 5.7 (PE) 2 (S)	/	5 (N) 7 (PE) 3 (S)
Elbow radius (m)		1.5	1.5	1.5	/	1.7/2.2
Maximum inclination (****)		75°	75°	75°	horizontal!	45°
Suspension points		Novicor: every 1.5 m / steel: every 3 m				
Outside diameter auger (mm)		38.60	60.45	68.33	73.45	94.60
Inner diameter auger (mm)		22.60	36.57	44.45	44.45	65.60
Auger pitch (mm)		31.4	41.4	50.8	54.1	66 (1) 85 (2)

(*) For commercial mash, crumble or pellets (diameter 3 mm) with a specific weight of 0.65 kg/dm³ and full tube application!

Under horizontal installation upper boot

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

With 60 Hz motor, max. capacity +20 %

Flex-Auger™

Pellets diameter ≥ 6 mm, max. capacity -20 %
(**) With fill points every 0.5 m 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