

Industrial Screw Conveyor Capacity Chart

Screw Diameter	Max Recommended Speed (RPM)	Max Lump Size (Inches)	Cubic Feet Per Hour	
			Capacity at 1 RPM 45% Loading	Capacity at 1 RPM 100% Loading
4	175	1/2	0.68	1.50
6	165	3/4	2.27	4.97
9	150	1 1/2	8.00	17.85
10	145	1 3/4	11.25	25.02
12	140	2	19.30	41.89
14	130	2 1/2	30.80	67.10
16	120	3	46.60	102.86
18	115	3	66.10	149.10
20	105	3 1/2	95.00	207.12