



Tumbler Screening Machines

Feed Sizes	20 µm – 20 mm
Feed Rates	1 kg/h – 50.000 kg/h
Bulk Densities	20 – 10.000 g/l
Mesh Openings	20 µm – 20 mm
Screens Usable	Stainless steel wire or perforated plates
No. of Decks	1 – 5
Mesh Cleaning	Jumping balls/rings, Rotating brush, Ultrasound
Speed Range	180 – 280 min ⁻¹
Screen Movement	3-dimensional, settable
Acceleration	1.3 – 1.8 g / 60 – 80 mm horizontal & 5 – 40 mm vertical
Materials	Carbon steel, stainless steels 304/316
Machine Surface Treatment	Painted, brushed or mirror polished

Tumbler Screener Parameters

MODEL SIZE	NTS1200	NTS1500	NTS1800
Screening area (m ²)	1.13	1.76	2.54
Diameter (mm) Ø	1200	1500	1800
Motor power (kW)	1.1KW	4KW	4KW
Weight (kg):	930–1120	1080–1450	1250-1760
A(mm)	1236	1457	1500
B(mm)	904	1132	1132
C(mm)	757	950	950
D(mm)	φ250	φ250	φ300
E(mm)	φ200	φ200	φ300
F(mm)	φ200	φ200	φ300
G(mm)	1574	1940	2334
K(mm)	1210	1517	1817
W(mm)	1040	1122	1400
L(mm)	1040	1122	1400
Layers Available	5	5	5