



## Screw Conveyor

Screw conveyor composition:

feed inlet, discharge opening, electric motor, retarder, bearing, helical blade, closed trough, hanging bearing, bearing spiral, cardan joint, suction flange, outer tube, connection flange, observation window, etc.

working principle:

When the screw shaft rotating, the gravity of the material and the friction force generated by the material and trough wall let the material move forward.

Model	180	180	219	219	273	325
Metric diameter of screw conveyor (mm)	160	160	185	185	237	305
Length of screw conveyor (m)	2.5	4.5	6	8 (9)	8 (9)	9 (12.15)
Rotary speed of main axle (r/min)	112	112	100	100	90	80
External case diameter (mm)	Φ180	Φ180	Φ219	Φ219	Φ273	Φ325
Working angle (°)	≤20	≤20	≤45	≤45	≤45	≤45
Conveying capacity (t/h)	25	25	35	35	45	75
Power of motor (kw)	3	4	5.5	11	15	18.5

Workshop:



