

Material Handling Solution



Description
It is the most versatile and speedy method of transferring bulk material from one point to another within a defined area. PNEUCON is engaged in offering wide range of Cement feeding system which is used for feeding the cement feed the cement in construction sites. These Cement feeding systems are manufactured by using supreme grade of raw material and are highly demanded in various production industries.



Applications

The PNEUCON Screw Pumps are heavy-duty, screw-type pneumatic pumps. These pump systems are most commonly used to convey dry, free-flowing, pulverized materials from grinding mills, transfer materials from silo to silo, transfer dust from collectors, and load and unload railcars, ships and barges. The materials are conveyed literally anywhere a pipeline can be run and to any number of delivery points.

General Specifications

PNEUCON Screw Pumps are constructed of mild and structural steel, and mounted on a base. P5 pumps are equipped with pedestal blocks that support a pump screw which helps to provide a smooth, balanced operation. The screw is dynamically balanced and areas of this screw, along with other parts of the pump, in direct contact with the material to be conveyed, are made of hardened, wear-resistant material and special hard surfacing where required. The screw is directly coupled to the driving motor but can be v-belt driven. Standard equipment on P5 pumps includes a pressurized seal and bearing assembly that extends the service life of the discharge seals by preventing the material being handled from entering the bearing area. Each pump system includes the pump, drive motor and compressed air source.

Screw conveyor

Spiral conveyor adapts international standard products. It has advanced technical data, new designed structure, better sealing, stronger abrasive resistance, lower resistance, lasts longer. Spiral conveyor is used for deliver goods in powder, grainy and lumpy shapes. It is widely used in the industrial department.

Technical Parameter:

Type	100	160	200	250	315	400	500	630	800	1000	1250
Screw Diameter	100	160	200	250	315	400	500	630	800	1000	1250
Thread Pitch	100	160	200	250	315	365	400	450	500	560	630
n	140	112	100	90	80	71	63	50	10	32	25
Q	22	7	13	22	31	62	98	110	200	280	380
n	112	90	80	71	63	56	50	10	32	25	20
Q	117	6	10	18	21	49	78	112	180	220	306
n	90	74	63	56	50	45	40	32	25	20	16
Q	14	5	8	14	19	39	62	90	126	176	245
n	71	50	50	45	40	36	32	25	20	16	13
Q	14	6.2	6.2	11	15.5	31	50	77	102	110	188



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belt conveyor / Aggregate conveyor

We offer a wide range of belt conveyors such as industrial aggregate conveyors, precision belt conveyors, self contained conveyors and heavy duty aggregate conveyors that are capable of handling heavy loads and are used in diverse industries.



The belt of the conveyor is fabricated from high grade mild steel, stainless steel and other alloys to make them sturdy, hard wearing and anti-corrosive. The industrial belt conveyors are available in heavy duty type, through type, and plain roller and other design as per the requirements of our clients.

The Benefits of aggregate Conveyors : The smooth, continuous surface of a conveyor belt is ideal for many product handling applications. Some of the benefits of belt conveyors include:

Bucket elevator

We are manufacturer and exporter of different types of Bucket Elevators.

Bucket elevators are designed to move flowing powders or bulk solids vertically. The typical elevator consists of a series of buckets mounted on a chain or belt operating over a sprocket or pulley. Take-ups are provided as a means to compensate for variations in length of chain or belt due to temperature changes, atmospheric conditions, or wear. A steel casing encloses the bucket line. Head sections and boot sections house integral transmission components.

Material is fed into an inlet hopper. Buckets (or cups) dig into the Material, and convey it up to and over the head sprocket/pulley, then throwing the material out the discharge throat. The emptied buckets then continue back down to the boot to continue the cycle.

Heavy fabrication, big storage silo



Customer Care : (24 X 7)

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