



Tubular Screw Conveyors
Trough Screw Conveyors
Bucket Elevator
Dust Collector
Diverter Valve
Slide Gate
Butterfly Valve
Vibrating Bin Aerator

Powder & Granules Handling Equipment | Powder & Granules Handling Equipment | Powder & Granules Handling Equipment |

IVA Bulk Handling Equipments Pvt. Ltd.

Plot No. PAP/SH/93/2, MIDC Chakan Phase II, Village - Shinde, Taluka - Khed, Dist. Pune. Pincode - 410501 Maharashtra, India

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Tubular Screw Conveyors

Material of construction :-

Mild steel, Stainless Steel

Light and medium-heavy duty design

4 screw diameters from Ø 114mm, 139mm, 168mm, 219mm, 273mm and 323mm

Tubular extrnal pipe with welded end flanges, Inlet and outlet spouts and bolted end Flanges.

Continous Flights welded on centre pipe.

with appropriate, intermediate hanger bearings, inspection hatches and mounted brackets

Shaft couplings for light and medium-heavy-duty



Trough Screw Conveyors

Material of construction :-

Mild steel, Stainless Steel

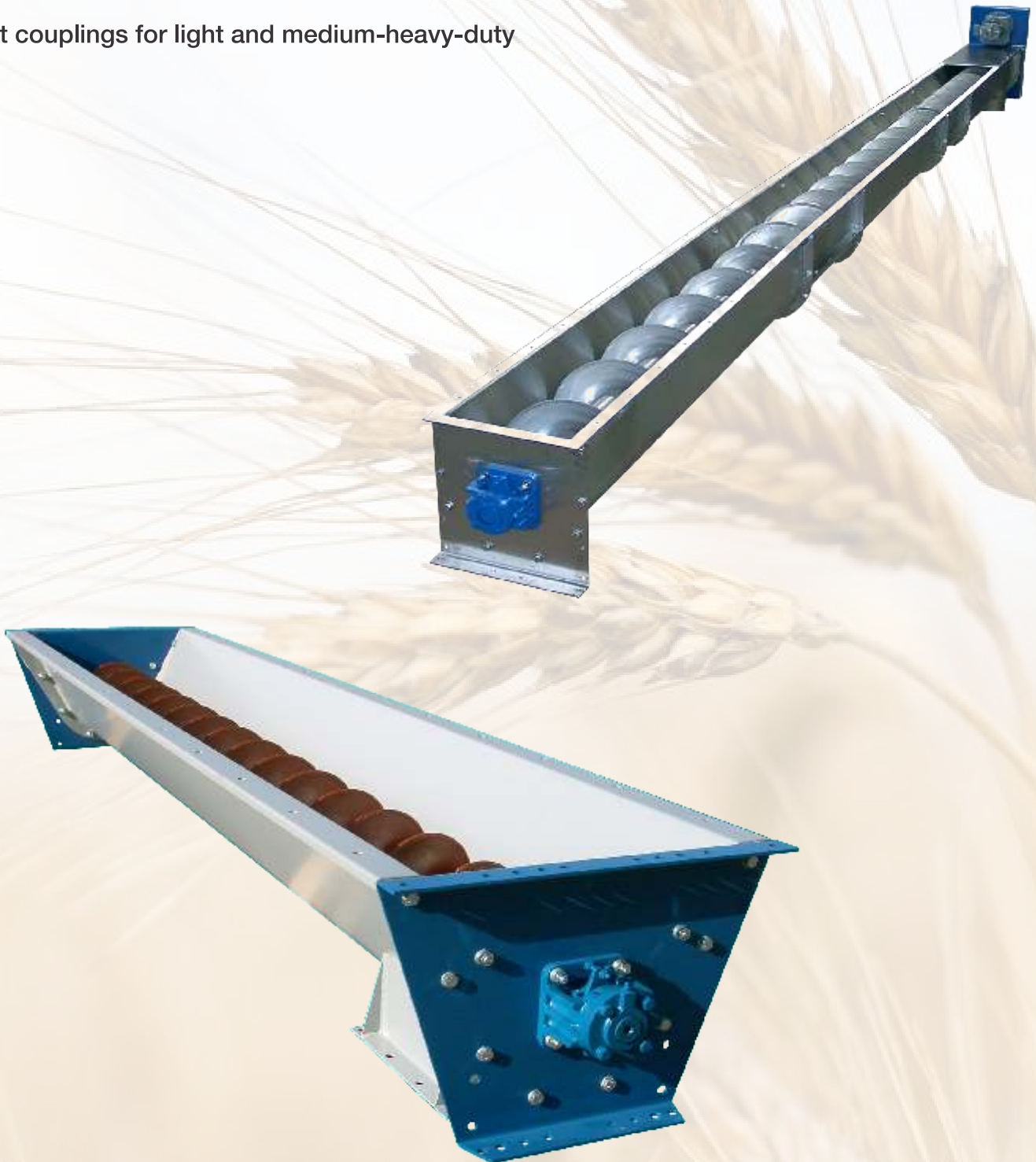
Light and medium-heavy duty design

4 screw diameters from Ø 100mm, 120mm, 150mm, 200mm, 250mm and 300mm

U and V-cross section trough with welded end flanges, Inlet and outlet spouts and bolted end Flanges.

Continuous Flights welded on centre pipe.
with appropriate, intermediate hanger bearings, Trough covers inspection hatches and trough mounted brackets

Shaft couplings for light and medium-heavy-duty



Bucket Elevator

Material of construction :- Mild steel /Galvanised steel

Bucket Elevators are suitable for vertical conveying of fine aggregates and all dry granular material

Bucket Elevators are with low speed and less number of buckets per meter

Bucket elevators are supplied with

- Bolted Head, Bottom and intermediate casing sections for easy assembly and maintenance operations
- Outlet with optimum shape
- Inspections and bucket assembly sections
- Plexiglass viewers on head and foot sections



Dust Collector



These types of filters have a cylindrically shaped body which can be fitted on to the top of Silos as well as ground mounted with electric blower and collecting hopper. We have designed these types of filters for capacity of 24 sqm filtering area. Dust is separated from air flow by POLYPLEAT round type filter elements. These types of filters have become world's favourite solution for Bin and Silo venting.

Product Range

RJT - Dust Collector is fitted on top of the silo where cleaning of filter elements is by compressed reverse air jet.

RJG - Dust Collector is fitted on ground with Electric Blower & collecting Hopper, where Hopper is connected to silo by piping. Cleaning of filter elements is by compressed reverse air jet.

These filters are designed specifically for Cement, Fly ash and dry powders.

Features of IVA design Dust collectors

- Weather protection fibre cover with Hinges and self locking when open with air spring.
- Robust Stainless steel Body (SS304) with Bottom flange and powder coated carbon steel bottom ring for welding on silo.
- Ex-stock delivery.

Diverter Valve

Material of construction :-
Mild steel, Stainless Steel

Diverter Valve is with one inlet and two outlets for the diversion of the flow of powdery or granular material.

The flap is activated either by a manual lever or pneumatic Actuator



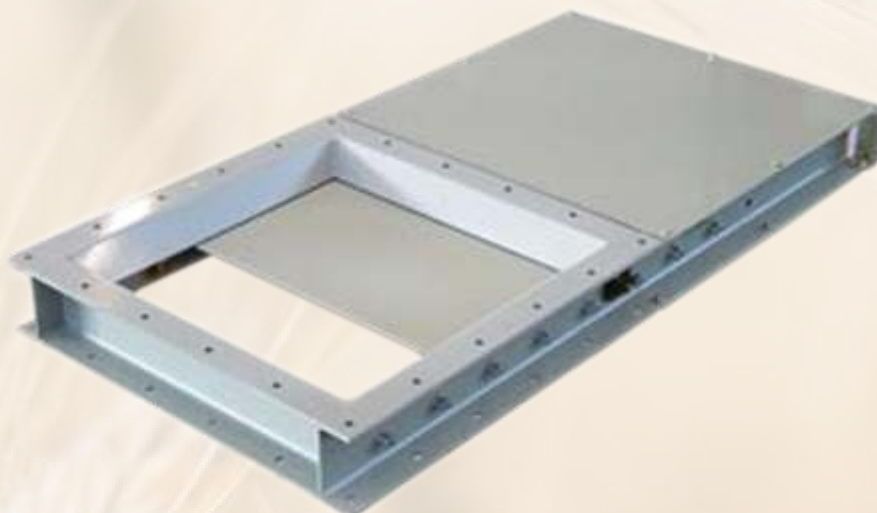
Slide Gate

Material of construction :- Mild Steel, Stainless Steel

Slide Gates are used where the flow of a bulk solid caused by gravity has to be intercepted. Slide gates may be fitted to hopper or silo outlets, to the inlet and outlet of conveyors

The special design of the valve and the different options of blade design enable its application in virtually every sector including the food industry

Slide Gates can be fitted with Manual wheel drive as well as Pneumatic Actuators



Butterfly Valve

VAF Type Butterfly Valves With Pneumatic & Manual Lever Actuators

Aluminium die casting bodies,
Aluminium die casting disc and
NBR type rubber seal.

Double identical flange type
butterfly valve

Top flange and Bottom flange
suitable for flexible sleeve type
arrangement

Can be fitted with pneumatic
actuators and manual lever type
actuators

Used in all types of powder
and granules processing plants
below the silo, bins, hoppers,
screw conveyors for material



Vibrating Bin Aerator

*The **Vibrating Bin Aerator Pad** solves even the most difficult material flow problems by combining aeration with vibration. The rubber pad creates an aggressive vibration on the vessel wall as the result of airflow. Vibration is very effective to enhance flow for all types of dry bulk materials.*



VBAI - Vibrating Bin Aerator Pad mounted from Inside of the silo



VBAO - Vibrating Bin Aerator Pad mounted from outside of the silo



- **Uncompromising dedication to Research & Development**

- **Highly rationalized and cost-effective CAD/CAM-supported production techniques and logistics**

- **A strong focus on quality and continuous investments in latest manufacturing technology and product development.**



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