

Inclined Screw Feeder HZF-S2 Series



The HZF-S2 includes an array of practical and cost-efficient inclined screw conveyors. Each is designed to handle powders with different flow properties. The compact inclined screw feeder design makes it simple to operate and quick to maintain.

The standard model comes with a vibrating hopper and an angled screw (usually set at 45°). The HZF-S2 works well with a wide range of materials, from milk powder and sugar to solid pharmaceuticals and feed additives. Looking to move free-flowing or sticky powders? Our inclined screw conveyor with hopper gets the job done with reliable, steady flow.

Features

- ✓ **Clog-Free Handling:** Handles both free-flowing and sticky powders without clogging.
- ✓ **Customizable Design:** Custom angles and lengths of the tube are available. Optional hopper sizes are also available.
- ✓ **Smooth Feeding:** Use vibration to keep material moving into the screw smoothly.
- ✓ **Tool-Free Cleaning:** Quick-disconnect soft connections between the screw, tube, and hopper for fast cleanup. No tools needed.
- ✓ **Easy Discharge:** The screw can run in reverse to empty any residue inside the tube.
- ✓ **Independent Controls:** Separate motors for vibration and feeding.
- ✓ **Safe Operation:** Boasts overload protection to prevent damage.
- ✓ **Flexible Use:** Can be used as a standalone inclined screw conveyor or paired with other equipment.



Technical Parameters

Model	HZF-S2-2K	HZF-S2-3K	HZF-S2-5K	HZF-S2-7K	HZF-S2-8K	HZF-S2-12K
Lifting Speeds	2 m ³ /h	3m ³ /h	5m ³ /h	7m ³ /h	8m ³ /h	12m ³ /h
Feeding Tube Diameters	φ102	φ114	φ141	φ159	φ168	φ219
Total Power	0.58kW	0.78kW	1.53kW		3.03kW	4.03kW
Total Weight	100kg	130kg	170kg	200kg	220kg	270kg
Hopper Capacity	100L			200L		
Power Supply	3P AC 208-415V, 50/60Hz					
Lifting Angle	Conventional at 45 degrees, customizable from 30 to 60 degrees					
Lifting Height	Conventional at 1.85 meters, customizable between 1-5 meters					
Hopper Shape	Standard square, customizable to circular or other configurations					