

## SPEC SHEET

# Vibrating Hopper Inclined Screw Conveyor

PXG-S2 Series

## INTRODUCTION

The PXG-S2 Vibrating Hopper Inclined Screw Conveyor is a spiral bulk material transportation system that moves raw ingredients to and from processing areas that are on different levels of a facility.

**KEYWORDS** Conveyor | Incline | Hopper



## ATTRIBUTES

- Power supply: 3P AC208-415V 50/60Hz.
- Charging angle: Standard 45 degrees, 30~60 degrees are also available.
- Charging Height: Standard 1.85M, 1~5M could be designed and manufactured.
- Square hopper with a vibrator. Round hopper can also be designed and manufactured, depending on requirements.
- Fully stainless steel structure, contact parts Ss304.
- Other charging capacities can be designed and manufactured.

## TECHNICAL PARAMETERS

Model	PXG-S2-1K	PXG-S2-2K	PXG-S2-3K
Charging capacity	2m <sup>3</sup> /h	2m <sup>3</sup> /h	2m <sup>3</sup> /h
Diameter of pipe	φ 89	φ 102	φ 114
Total power	0.58KW	0.58KW	0.78KW
Total weight	90kg	100kg	130kg
Hopper volume	100L	100L	200L
Thickness of hopper	1.5mm	1.5mm	1.5mm
Thickness of pipe	2.0mm	2.0mm	2.0mm
Outer dia.of screw	φ 75mm	φ 88mm	φ 100mm
Pitch	68mm	76mm	80mm
Thickness of pitch	2mm	2mm	2mm
Dia.of axis	φ 32mm	φ 32mm	φ 32mm
Thickness of Axis	3mm	3mm	3mm

Model	PXG-S2-5K	PXG-S2-7K	PXG-S2-8K	PXG-S2-12K
Charging capacity	5m <sup>3</sup> /h	7m <sup>3</sup> /h	8m <sup>3</sup> /h	12m <sup>3</sup> /h
Diameter of pipe	φ 141	φ 159	φ 168	φ 219
Total power	1.53KW	2.23KW	2.23KW	3.03KW
Total weight	170kg	200kg	220kg	270kg
Hopper volume	200L	200L	200L	200L
Thickness of hopper	1.5mm	1.5mm	1.5mm	1.5mm
Thickness of pipe	2.0mm	3.0mm	3.0mm	3.0mm
Outer dia.of screw	φ 126mm	φ 141mm	φ 120mm	φ 200mm
Pitch	100mm	110mm	120mm	180mm
Thickness of pitch	2.5mm	2.5mm	2.5mm	3mm
Dia.of axis	φ 42mm	φ 48mm	φ 48mm	φ 57mm
Thickness of Axis	3mm	4mm	4mm	4mm

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