

# SCREW CONVEYOR SERVIS

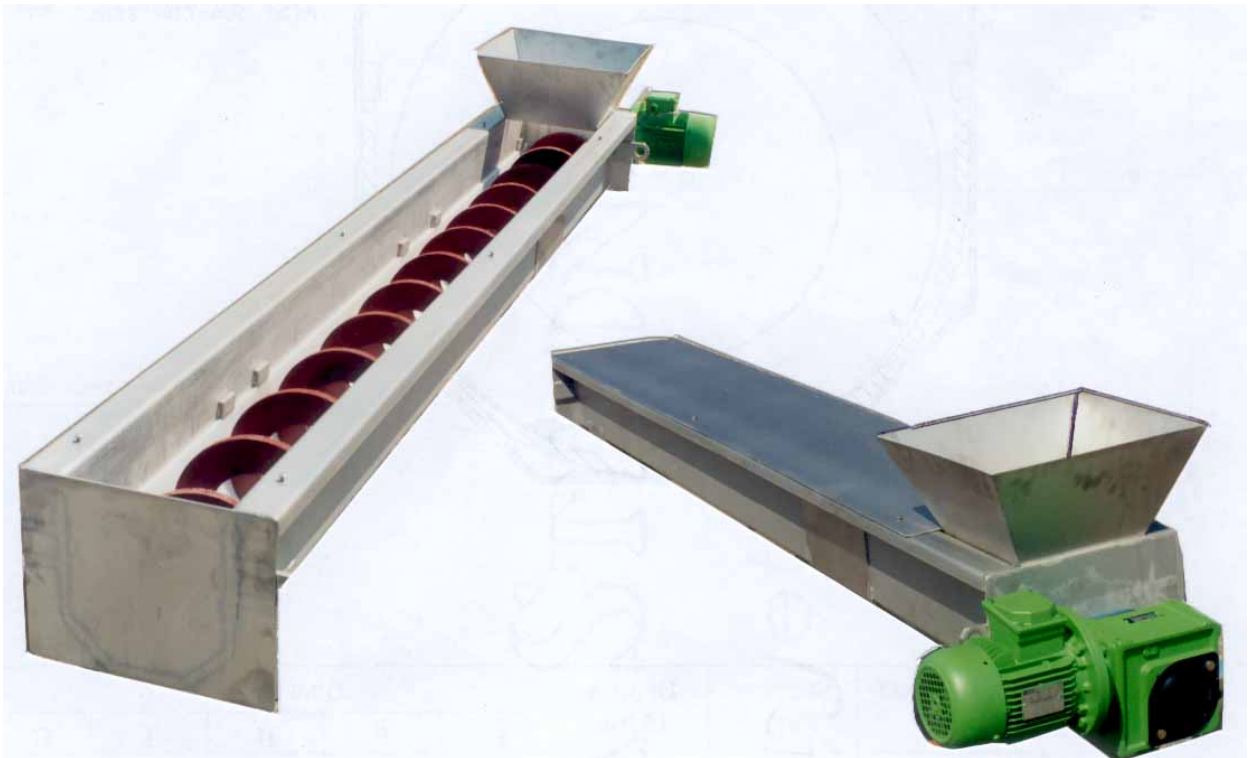
## PRINCIPLE

In our conveyors, the Archimedes' screw ensuring the transfer does not have a central axis. The spire made of high-gauge steel, has such a resistance that it can function while pulling or pushing.

Bound on a side to the moto-reductor by an axis, it is free on the other side. A polyethylene doubling ensures on the one hand a role of soft support and on the other hand avoids the galvanic coupling with the stainless steel constituting the trough.

The absence of a central axis decreases the risks of clogging, particularly with the fibrous matters.

This configuration is used in the construction of our compactors SERCOMP and of our sand classifiers SERSAB.

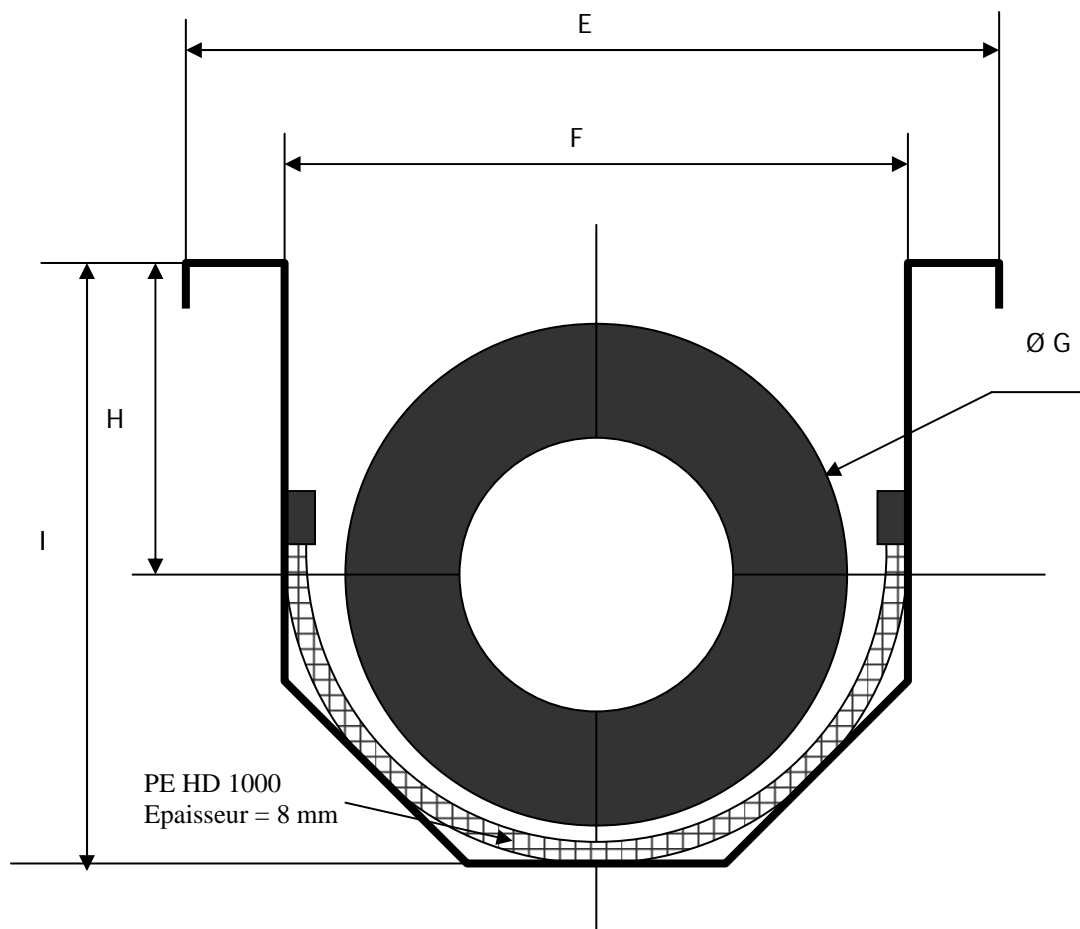


### DESIGN FEATURES

We manufacture three models of conveyors characterised by screw diameters of 200, 300 and 400 mm. Lengths, supporting feet, chutes of input and output are adapted upon request, just as the engine output power.

### CONSTRUCTION

- Box with cover out of 304 stainless steel.
- Polyethylene doubling thickness 8 mm
- High-gauge steel screw
- Motor reducer FLENDER: 15 rpm



MODELE	PUISSANCE KW	SECTION VIS	DEBIT à 15 trm	DIMENSIONS				
				E	F	H	I	G
<b>Vis 200</b>	1,1	60 x 15	2 m <sup>3</sup> /h	320	240	140	251	200
<b>Vis 300</b>	1,1	100 x 15	7,5 m <sup>3</sup> /h	420	340	190	351	300
<b>Vis 400</b>	2,2	100 x 15	12 m <sup>3</sup> /h	520	440	240	451	400

Dans le but d'améliorer la qualité de nos matériels, nous nous réservons le droit d'apporter toutes les modifications techniques qui nous semblent nécessaires. Ce document n'a pas un caractère contractuel

Septembre 2003