



A division of Mechanical Equipment Group (MEG), ModQuip produces in-house custom bulk material's handling solutions, assembled from locally stocked components for immediate delivery.

The innovation of the ModQuip brand comes from our unique design that allows for easy assembly, which can be done with basic tools – no welding or special equipment required.

This solution delivers increased productivity and unmatched durability for heavy industries.



Quick & Easy Set-up

Flat Packed

Customisable

## MODQUIP Flexible Screw Conveyors



MEG was created in 2015 to bring together our family of companies; Chain & Drives, Inquip, Automation & Control, Tank Enviro and Partsbook.

MEG works together to support businesses by offering the complete solution in mechanical equipment, power transmission and engineering services across all industries.



Engineered Solutions.  
Endless Possibilities.

[modquip.com.au](http://modquip.com.au)

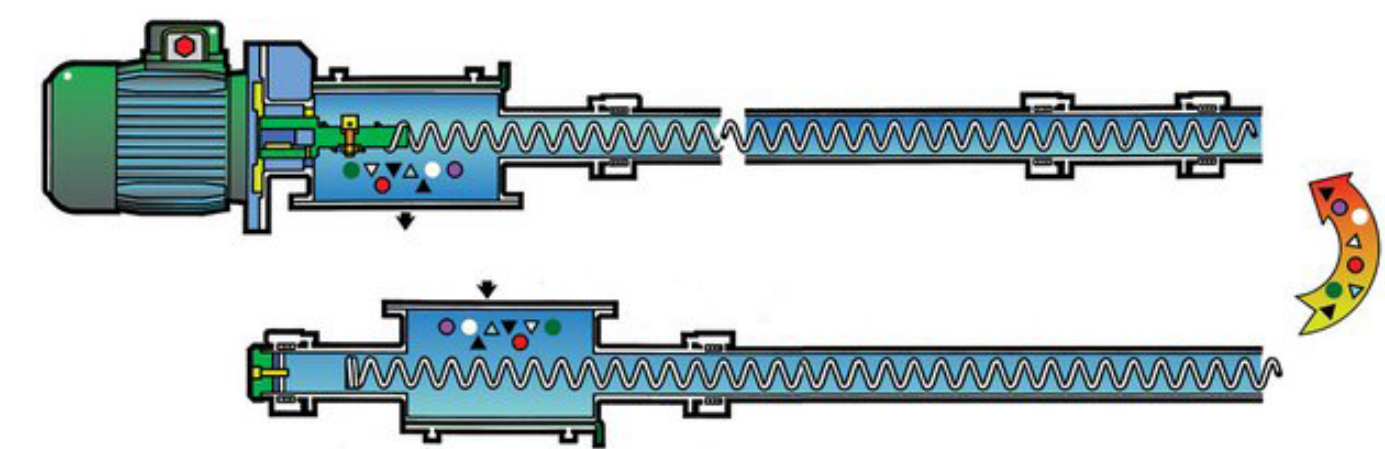
[support@modquip.com.au](mailto:support@modquip.com.au)





# Flexible Screw Conveyors

ModQuip Flexible Screw Conveyors offer a robust and adaptable solution for handling a wide range of dry bulk materials. Designed with reliability and ease of use in mind, these systems are ideal for conveying powders, granules and blended products across various industries.



## Features

- ▶ Flexible Rilsan PA12 Conveying Tube
- ▶ Available in multiple diameters
- ▶ Excellent resistance to torsion, vibration, and wear.
- ▶ Homogeneous Product Flow
- ▶ Flexible spiral design ensures consistent mixing while conveying, improving product uniformity.
- ▶ Modular Design for Any Layout
- ▶ Engineered to work at any angle.
- ▶ Suitable for both fixed and mobile installations.
- ▶ Durable Construction
- ▶ Built using carbon steel or various grades of stainless steel, including food-grade and ATEX-compliant options for safety-critical environments.
- ▶ Easy Integration
- ▶ Can be connected to hoppers, weigh-filling machines, or emptying stations.
- ▶ Compatible with MOR mixing systems for powder extraction and feeding.
- ▶ Low Maintenance & Easy Cleaning
- ▶ Smooth surfaces and minimal moving parts reduce wear and simplify routine maintenance and cleaning.
- ▶ Customisable for Your Process
- ▶ Configurable in different lengths and diameters to suit specific application needs.
- ▶ Designed for adaptability across industries, including food, chemical, pharmaceutical, and industrial sectors

## Benefits

- ▶ Ideal for conveying powders, granules and blends
- ▶ Extremely simple to install, to use and to clean
- ▶ Available with stainless steel tube for high temperature
- ▶ High-resistant tubes in Rilsan
- ▶ Spirals in stainless steel and Cr-Si with maximum resistance to torque, to vibrations and to wear and tear
- ▶ Product gets homogenous while conveying
- ▶ Suitable to cover considerable lengths and also with steep slopes

## Applications

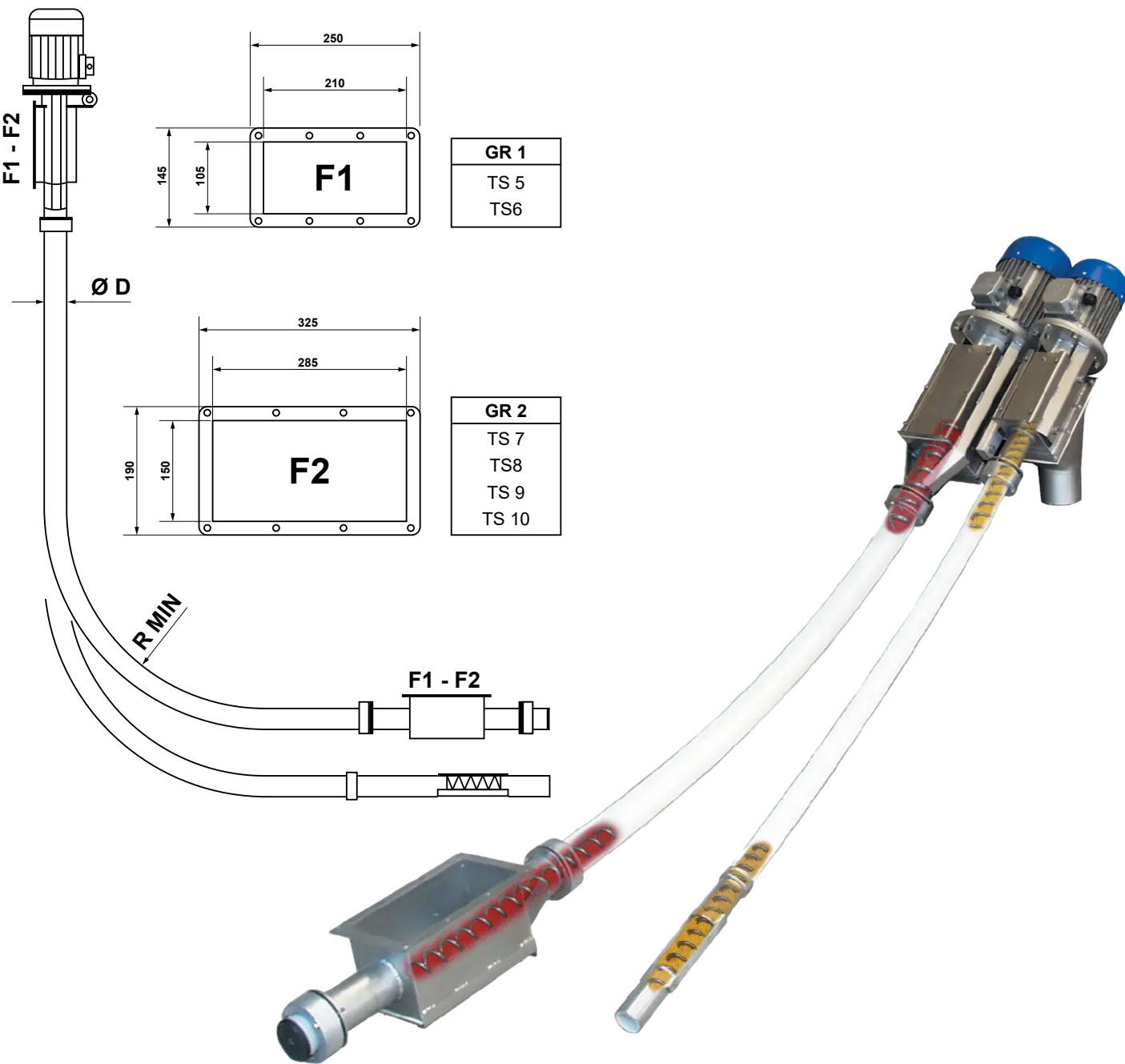
- ▶ Powder conveying in food processing
- ▶ Granule transfer in plastic production
- ▶ Blending and filling operations
- ▶ Chemical and pharmaceutical dosing systems

## Certifications

- ▶ Food Grade Available: Certified for safe handling of consumables and ingredients.
- ▶ ATEX Options: Suitable for explosive or hazardous environments.

## Data Sheet

	Model	Indicative Output kg/h d.a. b.d. 0,6 kg/dm <sup>2</sup>	D	R min.
GR 1	TS 5	300 / 500	50	1400
	TS 6	800 / 1300	63	1600
GR 2	TS 7	2000 / 2600	70	1800
	TS 8	3000 / 3700	80	2000
	TS 9	4300 / 5200	90	2500
	TS 10	6000 / 7000	100	3000



## Need Help Configuring Your System?

Speak with our team to customise your ModQuip Flexible Screw Conveyor for your material type, throughput and installation requirements.

