



Screw rotor with ribbon flights Ø1520 - 31538



Specifications

Screw rotor with ribbon flight Ø1520 - 31538

- Material: Carbon steel
- Screw flights with ribbon
- Mounted double threaded on an inner tube
- Shows capability of BEMA's screw flight production

Additional Information:

Product type:	Screw flight, Screw rotor
Industry:	Process industry
Transported material:	Bulk material, Minerals
Applied steel in product:	Carbon steel
Surface treatment:	Carbon steel – untreated



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Short Description

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Screw rotor with large diameter with ribbon screw flights. BEMA has manufactured the screw flight and mounted the ribbon flights to innerpipe before it was shipped to client.

What is the reason for using ribbon screw flights?

1. A screw auger with ribbon screw flights are used when the transported material is sticky
2. The material can flow round the holes between the ribbons

What is the difference between ribbon screw flights and paddles?

1. When using paddles the material flow is broken between the paddles and mixed because new material push on the stopped material
2. Screw rotors with ribbon screw flights do not stop the material flow, but create a back-flow of the material in the windows between the ribbons

Which type of screw flights to use depends on the type of material in the actual solution. You can always contact BEMA and discuss which type could be used in your application. We have years of experience, but we must honestly state, that we learn new sides of screw transporting material every day.

See another example of a screw rotor with ribbon screw flights

Manufacturing ribbon screw flights require a more detailed design compared to a standard cylindrical screw flight. Mounting ribbon screw flight to the inner tube of the screw rotor is more time consuming. You shall therefor expect a longer planning time and a longer lead time for production.

In BEMA we consider ribbon screw flights "special" screw flights, and we use an effort to design them, so they are as good as possible for easy mounting to the inner tube with the goal to get the best possible result for the ribbon screw rotor.