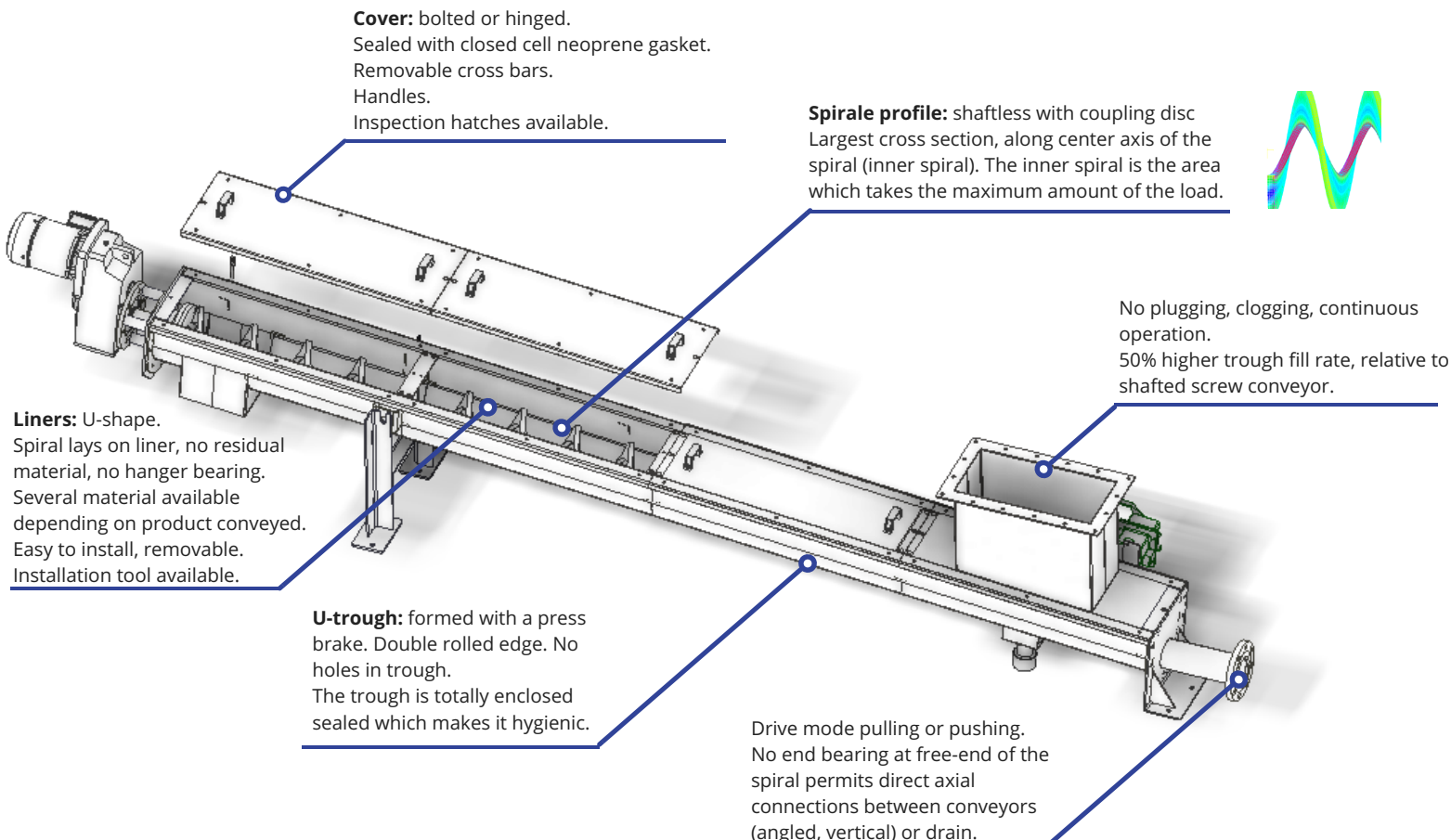


# SHAFTLESS SCREW CONVEYOR

*Designed for transporting materials which are sticky, slushy, stringy and plug-forming, irregular and arch-forming.*



**Horizontal, inclined and vertical installations.**  
**Pushing or pulling configuration.**  
**Custom length and number of inlet and outlet chutes.**

## Applications:

- **Municipal:** solid waste, screenings, grit, sludge and sludge management.
- **Industries:** food, chemical, recycling, incineration, pulp and paper, automotive.



# Standard design:

|  | ATSC 200 | ATSC 260 | ATSC 320 | ATSC 355 | ATSC 420 | ATSC 500 | ATSC 600 | ATSC 700 |
|--|----------|----------|----------|----------|----------|----------|----------|----------|
|--|----------|----------|----------|----------|----------|----------|----------|----------|

## DIMENSIONS (mm)

|          |     |     |     |     |     |     |     |     |
|----------|-----|-----|-----|-----|-----|-----|-----|-----|
| <b>A</b> | 200 | 260 | 320 | 355 | 420 | 500 | 600 | 700 |
| <b>B</b> | 310 | 370 | 430 | 465 | 530 | 610 | 720 | 820 |
| <b>H</b> | 215 | 270 | 340 | 380 | 430 | 475 | 650 | 700 |
| <b>O</b> | 160 | 215 | 280 | 315 | 365 | 420 | 480 | 600 |

## CAPACITY at 50% fill rate & 20 rpm

|                         |     |     |     |     |     |      |      |      |
|-------------------------|-----|-----|-----|-----|-----|------|------|------|
| <b>Ft<sup>3</sup>/h</b> | 70  | 140 | 360 | 500 | 720 | 1070 | 1653 | 1953 |
| <b>M<sup>3</sup>/h</b>  | 1,9 | 4   | 10  | 14  | 20  | 30   | 47   | 55   |

## Construction

### Spiral

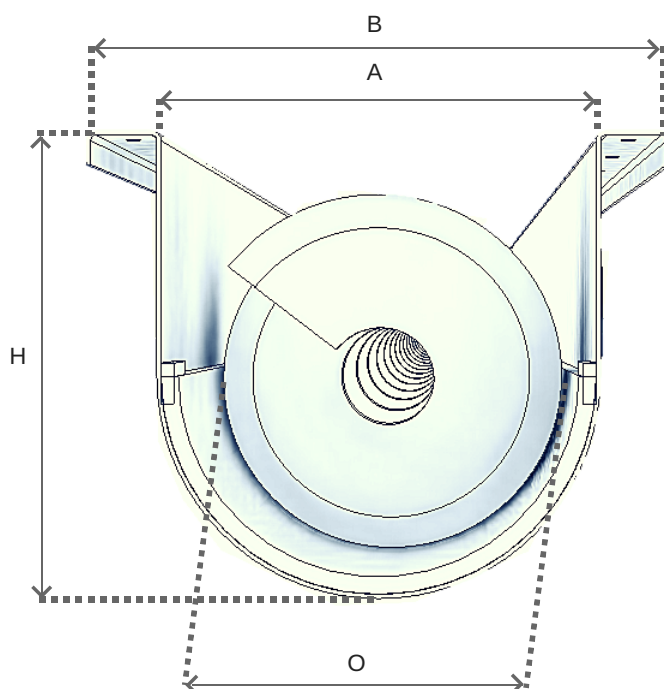
Hardox 400HB peripheral edge.  
Wear resistant tip.  
For a longer life expectancy.

### U-trough

Material: SS 304, SS 316, mild steel painted.

### Wear liner

Removable (easy to maintain).  
Material: UHMW, Hardox, Pure gum Rubber.



## Operation

Material is received into the conveyor via one or several inlet chute(s) and transported towards its discharge(s) chute(s).  
Conveyor can be pushing or pulling or both.

Conveyor can be part of an automated system.

Common safety devices are:

Safety cable pull switch (Operator emergency)

Motion sensor (Detects the spiral rotation)

Shock Relay (Saves spiral against jams)

## Benefits

- Totally enclosed conveyor
- No spillage during transportation
- Odor control removes noxious odors
- Self cleaning (spiral sits on liner and removes debris)
- Low maintenance (no hanger and/or bearings)



3737 Boul Lite  
Laval, QC, H7E4X8

Tél : (514) 931-5445  
Fax : (514) 931-0629

For more information : [www.ataraequipment.com](http://www.ataraequipment.com)