

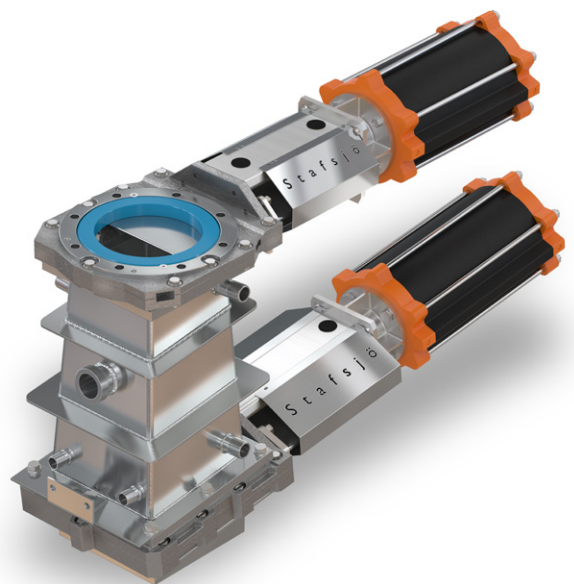
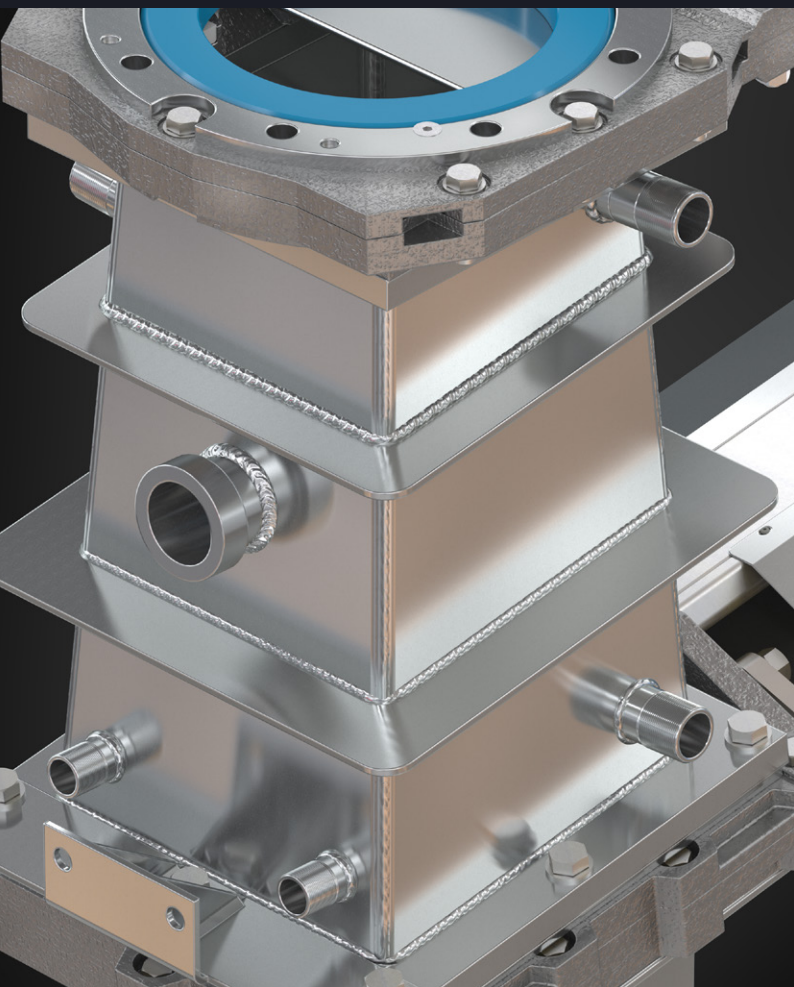
Stafsjö  
SINCE 1666

# Junc Trap JT

A complete solution for abrasive reject separation

Size range:

DN 100 - DN 200 / 250 x 250 (4" - 8" / 10" x 10")



# About JT

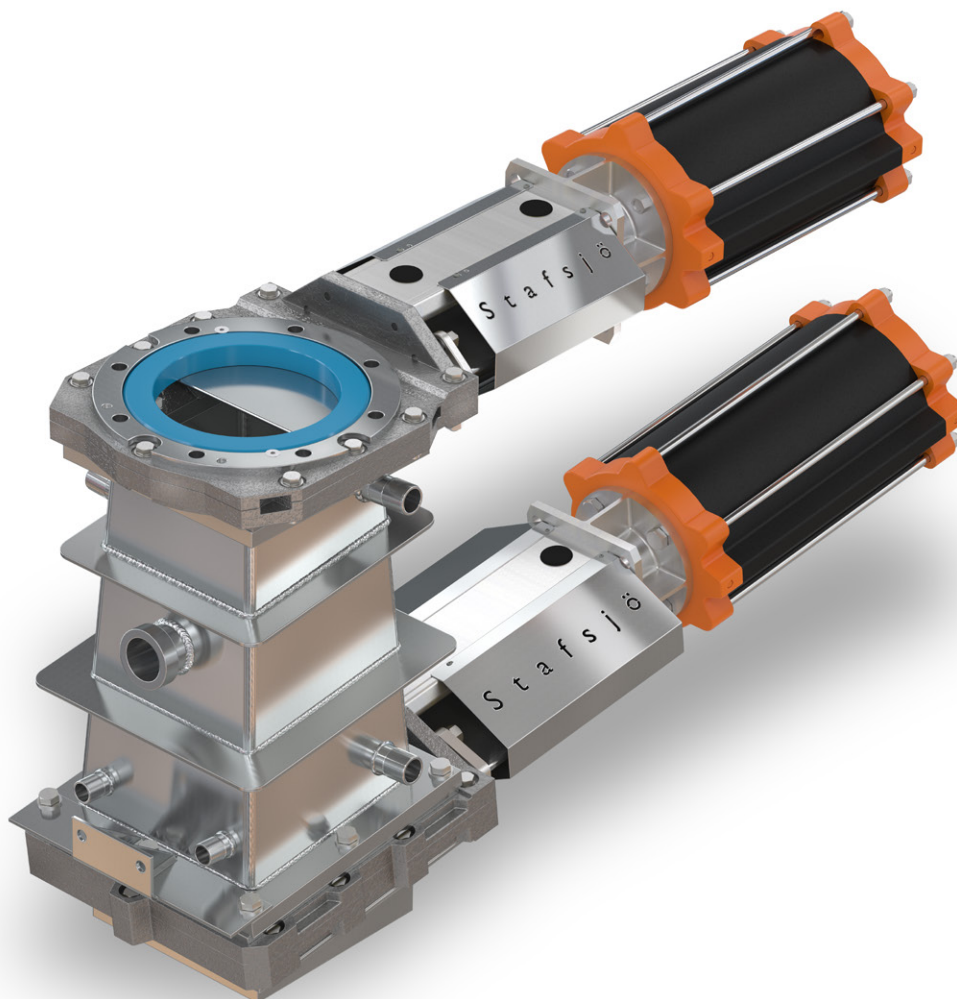
This is a complete solution for abrasive reject separation, primarily for HD cleaners in recycled fibre lines. The JT is specially developed to minimize turbulence, erosive wear and build-up of solids and reject materials.

The JT consist of the RKO knife gate valve on the inlet side, which has a circular inlet and a square outlet, and the square JTV knife gate valve on the discharge side. Both valves are designed for tough operating conditions as standard with robust valve bodies, high strength top works, hard chromed duplex gates and polyurethane seats to withstand the abrasive wear common in these type of applications.

The reject tank enables different ways of operation. It is designed with two sight glasses for observation of the

reject level in the tank. Water and air bleed connections are located near the top of the tank and three connections are located near the lower end in order to prevent possible clogging and congestions in dead corners.

As standard the JT is supplied with valves and reject tank packed separately. On request Stafsjö can supply the JT fully assembled. The Junc Trap JT is destined to be used only for fluids in group 2 according European regulation No 1272/2008.



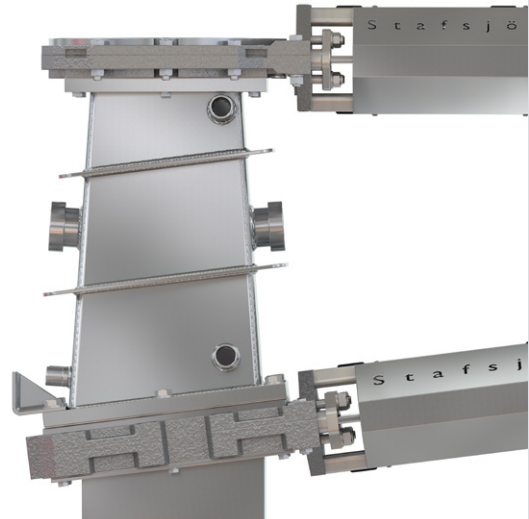
## RKO as inlet valve

The robust RKO valve transform the pipe to the square tank inlet. A hard chromed duplex gate with a straight bevel edge cut through abrasive media and seal tight upon closure.



## A reject tank for difficult and abrasive media

The square conic reject tank reduces rotational erosive wear and allows full release of difficult media at drain sequence. Several connections for water and air bleed further improve performance and increase wear resistance of the entire solution.



## JTV as discharge valve

The square Junc Trap Valve JTV is installed in a slightly inclined angle on the discharge side to ensure full release of difficult media when opened and a liquid tight shut-off when closed.



# Pressure class

Max working pressure at 20°C		Max differential pressure at 20 °C	
Sizes	bar	Sizes	bar
DN 100 - DN 200 / 250 x 250	6	DN 100 - DN 200 / 250 x 250	6

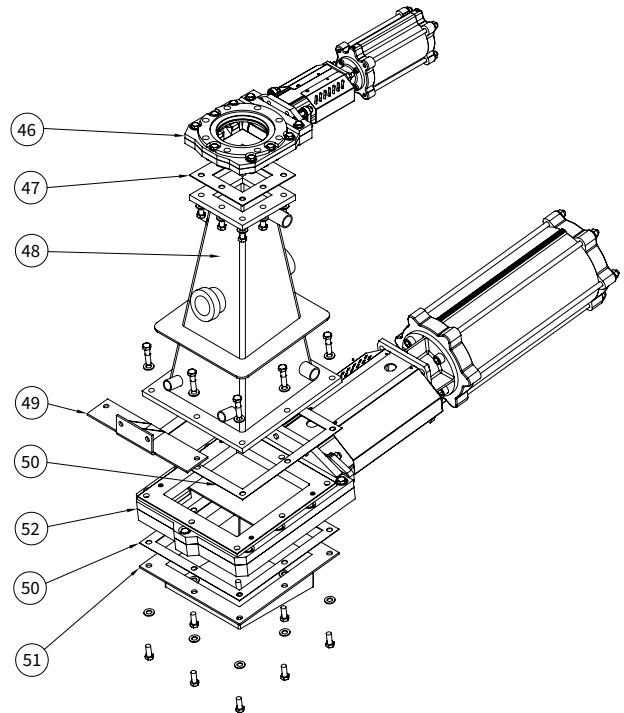
## Pressure tests

The valves are subject for pressure tests in opened and closed position with water at 20° C before delivery according to EN 12266-1: 2003 rate A. The reject tank only is pressure tested with water 1,5 times max working pressure. No visually detectable leakage is allowed during the tests.

## Part list

Pos	Part	Material
46	RKO valve	See data sheet
47	Gasket	KLINGERSil C-4430
48	Reject tank	Stainless steel EN 1.4404
49	Support	Stainless steel EN 1.4404
50 <sup>1)</sup>	Gasket	KLINGERSil C-4430
51 <sup>1)</sup>	Splash guard	Stainless steel EN 1.4404
52	JTV valve	See data sheet

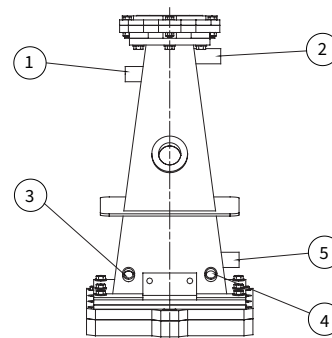
1) Optional accessories



## Connections

Pos	Connection type	DN
1	Water (flush/fill)	DN25/R 1"
2	Air (De-aeration)	DN25/R 1"
3	Water (flush/fill)	DN20/R 3/4"
4	Water (flush/fill)	DN20/R 3/4"
5	Water (flush/fill)	DN25/R 1"

Connections according to SS-ISO 7/1 as standard.  
Conical Thread Based on British Standard (Whitworth) BSPT (T = Tapered). In Sweden: R / Rc



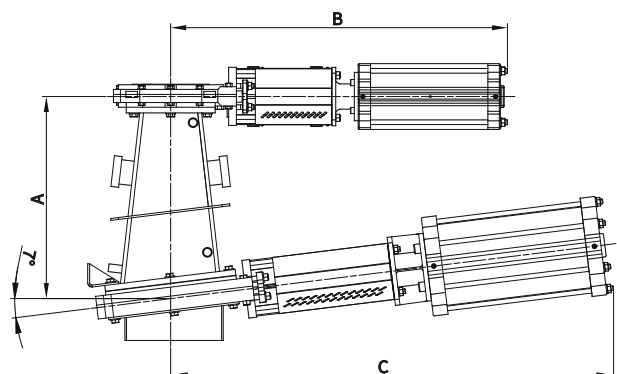
## Main dimensions (mm)

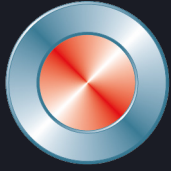
Sizes	A	B	C	Volume L <sup>1)</sup>	Weight kg <sup>2)</sup>
DN 100/250x250	639	617	1145	15	148
DN 150/250x250	522	871	1145	17	163
DN 200/250x250	524	964	1145	22	180

1) Volume (litres) reject tank.

2) Weight reject tank, knife gate valves (RKO and JTV) equipped with double-acting pneumatic cylinders.

Main dimensions are only for information. Contact Stafsjö for certified drawings.





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