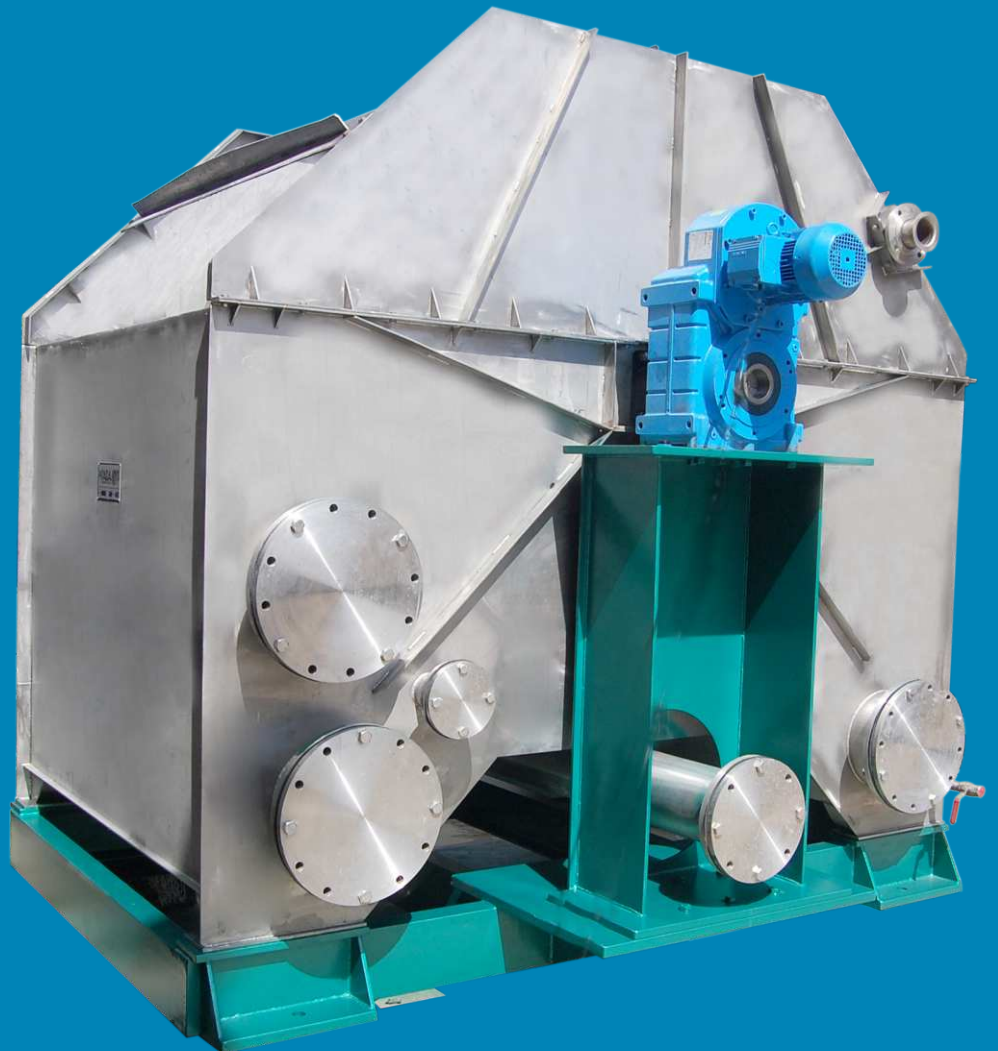


DISC THICKNER

PARASON DISC THICKNER, WASHER, FILTER

- ◆ Thickening, Washing and Filtration without vacuum.
- ◆ Compact, sturdy and operational friendly.
- ◆ Thickening of Pulp Stock, Sludge and other suspensions.
- ◆ Washing of Pulp stock.
- ◆ Filtration (Separation of Solids) from effluent and process water.

LOW Space
Cost
Power
Maintenance



APPLICATIONS



As Thickener For:

- ◆ Recycle Fiber, Chemical and Mechanical Pulp
- ◆ Effluent Sludge
- ◆ Broke
- ◆ Chemical Industry

As Washer for:

- ◆ Deinked Pulp
- ◆ Removal of Fillers and Fines from Recycled Fiber Pulp

As Filter For:

- ◆ White Water system
- ◆ Fibre recovery system
- ◆ Effluent Water
- ◆ Chemical Industry

WORKING PRINCIPLE

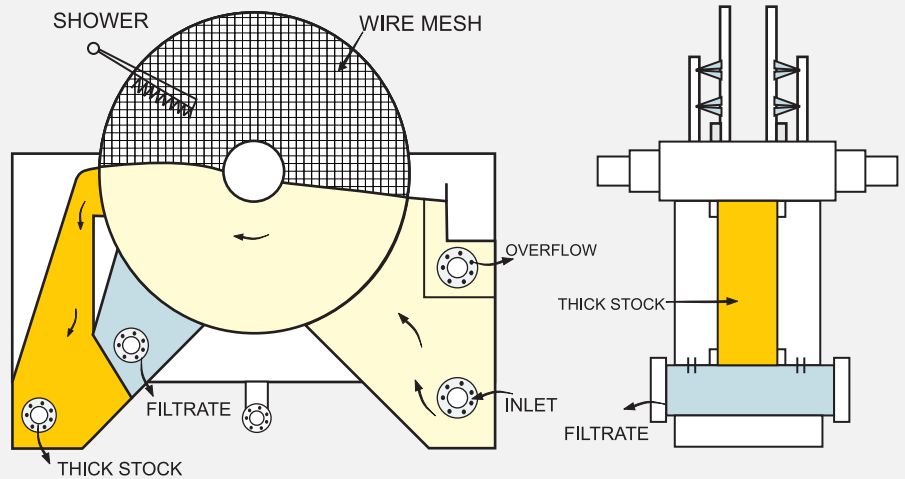
Parason Disc Thickener works as a gravity filter and does not require any barometric legs for creating vacuum . it can be installed at lower elevation.

Stock enters into the inlet chamber and directed in between two mesh covered disc. The level difference between feeding and filtrate chambers provides the necessary hydraulic pressure difference for a water / solid separation. water drains through the mash.

The rotation if disc has dual action. First, thickened stock is conveyed into the discharge chamber. Secondly, it creates” rolling effect” of the stock lump on the disc surface, producing a clearing action. The mesh of the discs is cleaned by spray nozzles pipes.

DESIGN AND SIZES

PDT-1600	Disc diameter 1600 mm with 1-10 pairs of disc
PDT-3000	Disc diameter 3000 mm with 3-10 pairs of disc



Function view of PARASON DISC THICKNER

- * Due to constant R & D specification are subject to change
- ** Capacity depends upon operating conditions



PARASON MACHINERY (I) PVT. LTD.

PARASONS HOUSE, 28, VENKATESH NAGAR, OPP. JALNA ROAD, AURANGABAD-431 001. (INDIA)

TEL. : +91 (0) 240 - 2339234/35/36/37, FAX:+91 (0) 240 - 2332944

CUSTOMER SERVICE NO. : +91 (0) 240 - 66 44 444, 6644200

Web : www.parasonmachinery.com E-mail : info@parasonglobal.com

Web : www.parasonglobal.com E-mail : parason@parasonglobal.com

Parason... Leader in stock preparation