



# PARASON

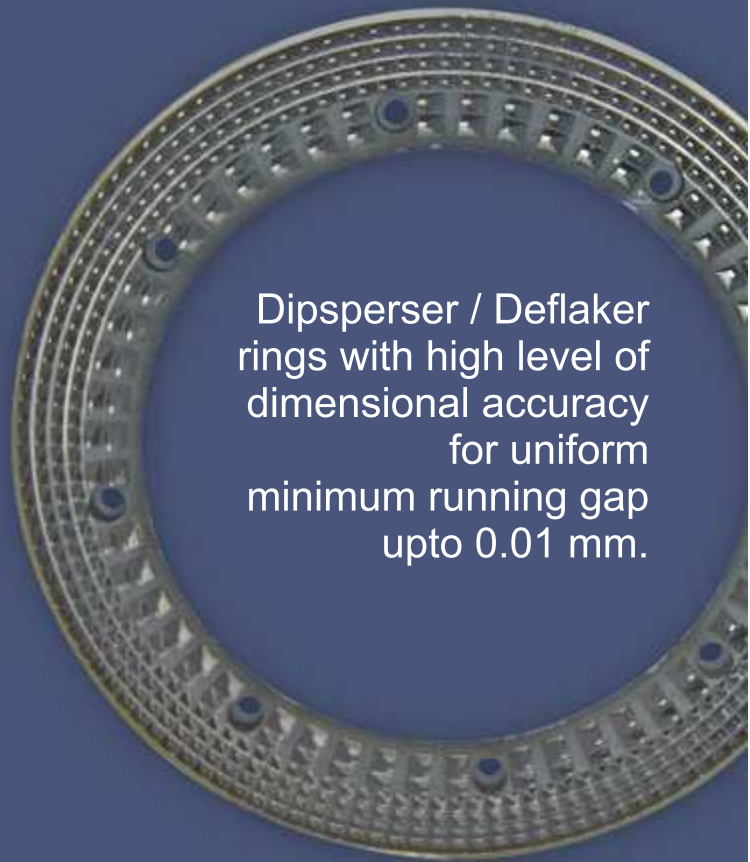
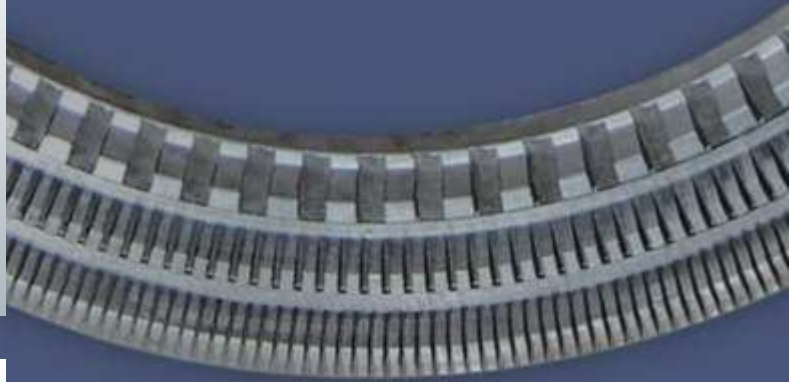
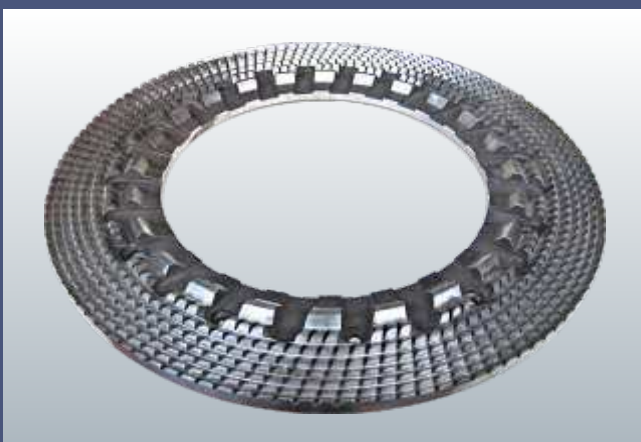
## DISPERSER SPARES



PARASON offers High performance Screws, Baskets and Precision Discs for Dispensers of various designs, sizes to suit the industry needs.

## DISCS FOR DISPERSER / DEFLAKER

- ◆ Disperser disc in segments and full circle with modern metallurgy
- ◆ Disc manufactured on CNC machine and dynamically balanced on Schenck, German Machine.
- ◆ Manufacture in different sizes and design as per customer's requirement.



Disperser / Deflaker rings with high level of dimensional accuracy for uniform minimum running gap upto 0.01 mm.



# PERFORATED BASKETS FOR DEWATERING SCREW AND SCREW PRESS



PARASON Laser Machine

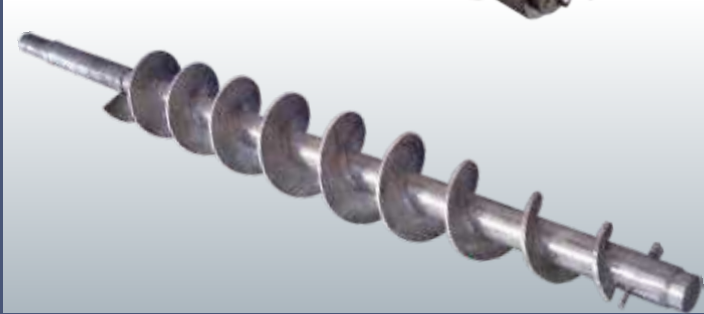


Baskets for  
Dewatering Screw

Baskets for  
Screw Press



- ◆ Manufacture on Laser & CNC Machine for high level of accuracy and uniform pitch and perforation.
- ◆ High precision dimension accuracy for maintaining uniform minimum gap between Screw and basket.
- ◆ Manufacture in different sizes as per customer's requirement.



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**SCREWS FOR**

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SCREW PRESS

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HEATER MIXER

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DEWATERING SCREW

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INFEDDER

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SHREDDER

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PLUG SCREW

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# SCREWS

- ◆ Made from high strength, tough and corrosion resistant Stainless Steel Alloy.
- ◆ Screw Press Screw in single piece casting with edge hard faced for longer life and consistent performance.
- ◆ High precision dimension accuracy for maintaining uniform minimum gap between screw and basket.
- ◆ Manufacture in different sizes as per customer's requirement.

## DISC GAP SETTING MECHANISM

### DISC GAP CONTROL

- ◆ Disc movement by electro hydraulic servo tracer valve.
- ◆ Feedback of disc position by LVDT.
- ◆ Disc loading limit adjustable.
- ◆ Quick response for disc for positioning to achieve the required gap from loading and unloading stage.
- ◆ Precision control on disc forward and backward movement by 0.01 .mm+/-.

### DGC 2 Main Components



### WHY A DISC GAP CONTROLLER ?

- ◆ High demand on accurate and repeatable distance between the discs for high dispersion effect and uniform pulp production.
- ◆ Remote control
- ◆ High resolution
- ◆ Constant disc gap independent of temperature and feed variations.

### Accuracy 0.01 mm Gap Setting Mechanism



\* Due to constant R & D specifications 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 - 2339235/36/37, FAX:+91 (0) 240 - 2332944

CUSTOMER SERVICE NO. : +91 (0) 240 - 6644444, 6644200

Web : [www.parasonmachinery.com](http://www.parasonmachinery.com) E-mail : [info@parasonglobal.com](mailto:info@parasonglobal.com)

Web : [www.parasonglobal.com](http://www.parasonglobal.com) E-mail : [parason@parasonglobal.com](mailto:parason@parasonglobal.com)

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