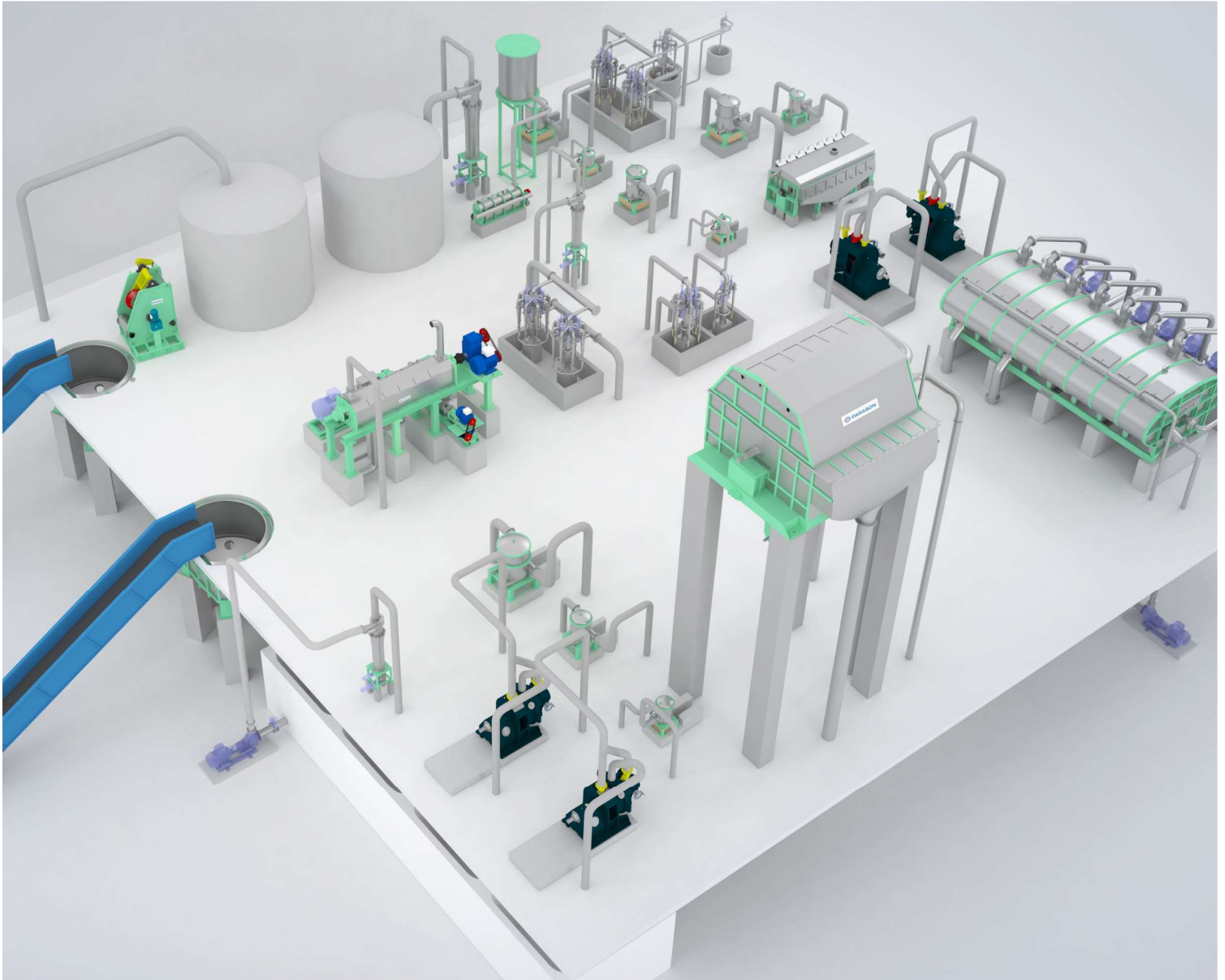


# TECHNO-COMMERCIAL PROPOSAL FOR PARASON TRI-DISC REFINER



## **KAVEH POPYRUS PAPER CO.**

Offer No: PMI/90700/ 23065209 /EXP

Date: 06<sup>th</sup> JUNE, 2023

## Company Overview

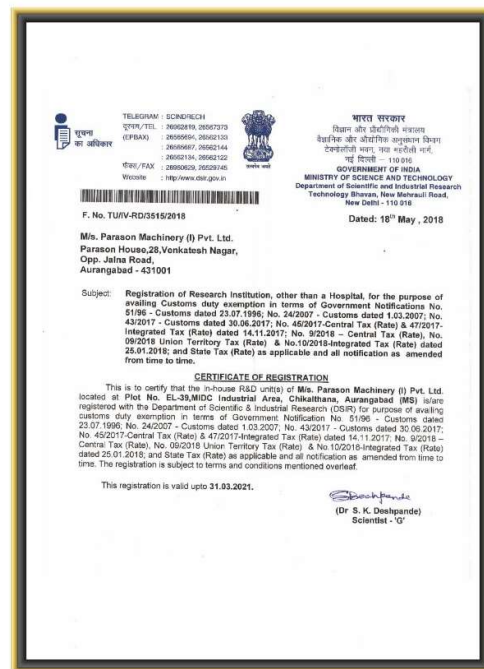
Parason Group is one of the largest manufacturers & Suppliers of pulp and paper machinery, asbestos, and tableware. Renowned scientist & metallurgist Dr. Desarda is the Founder & Chairman of the Company. Parason started its first research unit for pulp and paper machinery in Year 1977.

Parason is focused on Research & Development. Many types of research done by Parason have shown that the latest technology proposed by Parason not only enables Paper Mills to increase its Paper quality but also reduces huge power consumptions of machines which is the key point of Profit for the Paper Industry. Parason offered products are widely used by Kraft, Tissue, Writing Printing, and Hard Board Paper Mills. Parason also has specialization in Refiner Discs and these are one of the best disc available for Paper mills across the globe. Parason manufactures various products which can be used for several operations in stock preparation.

Parason has global consultancy services, which supports the organization to set up New Paper Mills and also helps existing Paper Mills to archive higher goals. Parason also has international consultants based in Germany, Europe, and the USA.



**PARASON RECOGNISED  
 "EXPORT HOUSE" BY GOVT OF INDIA**



**PARASON RECOGNISED OF IN  
 HOUSE R&D UNITS**

**ANNEXURE-I**  
**TECHNICAL SPECIFICATION & SCOPE OF SUPPLY**  
**PROCESS LINE-02**

**01. PARASON 17” TRI DISC REFINER (TDR-17TOSM)**

**- 01 No.**

**(AS PER OUR STANDARD OFFER)**

**(Refiner to be used in place of existing Deflaker)**

<b>OPERATING DATA:</b>		
Size	mm	425
Furnish	--	80 % Hard wood 20 % Soft wood
Capacity	TPD	25
Consistency	%	4.0-5.0
Motor Rating	kw/rpm	110
Motor Speed	Rpm	980
Refiner Speed	Rpm	980
Stock Inlet Pressure	Kg/sq.cm.	1.5-2.0
Stock Outlet Pressure	Kg/sq.cm.	2.0-3.0
Packing box Pressure	Kg/sq.cm.	20% above stock inlet pressure
Loading	Type	Manual

**CONSTRUCTION DETAILS:**

- Housing manufactured in seasoned cast iron grade-20.
- Parts coming in contact with stock made in SS-304.
- Measuring device to measure the wear of refining segments.
- Stuffing box housing of SS with sealing water connection.
- Spline Shaft made in SAE-8620 with Martensitic Steel sleeves.
- Refiner disc set manufactured in TUF SS Alloy.
- Deflector ring and rear cover made in SS Alloy.

**INCLUSIONS (ACCESSORIES):**

- Foundation pad for Refiner only
- Tyre coupling
- Hand tools, spanners, and Allen key set.
- Rotor handling arm.

**SALIENT FEATURES OF SPLINE SHAFT:**

- Shaft made from forged SAE 8620 composition
- Splined teeth of shaft are case carburated, hardened and ground finished within 4 microns.
- Axial movement of shaft assembly eliminated. No wear of sliding Sleeve.
- Replaces geared coupling (a wearing part) by Tyre coupling.

**EXCLUSIONS:**

Motor Base Frame, Motor, Foundation Bolts, Pressure Gauges, Manual Pulp Valves, Piping, Flushing & Sealing Line, Electrical Wirings & All Electrical, All items are specifically not mentioned above.

**PROCESS LINE-03**

**02. PARASON 17” TRI DISC REFINER (TDR-17TOSM)**

**- 01 No.**

**(AS PER OUR STANDARD OFFER)**

<b>OPERATING DATA:</b>		
Size	mm	425
Furnish	--	100 % Soft wood
Capacity	TPD	15
Consistency	%	4.0-5.0
Motor Rating	kw/rpm	110
Motor Speed	Rpm	980
Refiner Speed	Rpm	980
Stock Inlet Pressure	Kg/sq.cm.	1.5-2.0
Stock Outlet Pressure	Kg/sq.cm.	2.0-3.0
Packing box Pressure	Kg/sq.cm.	20% above stock inlet pressure
Loading	Type	Manual

**CONSTRUCTION DETAILS:**

- Housing manufactured in seasoned cast iron grade-20.
- Parts coming in contact with stock made in SS-304.
- Measuring device to measure the wear of refining segments.
- Stuffing box housing of SS with sealing water connection.
- Spline Shaft made in SAE-8620 with Martensitic Steel sleeves.
- Refiner disc set manufactured in TUF SS Alloy.
- Deflector ring and rear cover made in SS Alloy.

**INCLUSIONS (ACCESSORIES):**

- Foundation pad for Refiner only
- Tyre coupling
- Hand tools, spanners, and Allen key set.
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Motor Base Frame, Motor, Foundation Bolts, Pressure Gauges, Manual Pulp Valves, Piping, Flushing & Sealing Line, Electrical Wirings & All Electrical, All items are specifically not mentioned above.

**ANNEXURE-II**  
**PRICES, TERMS AND CONDITIONS**

<b>Item No.</b>	<b>Equipment</b>	<b>Qty. in Nos.</b>	<b>Ex-works Price Each (EURO)</b>	<b>Ex-works Price Total (EURO)</b>
01.	Parason Tri-Disc Refiner 17" TOSM	02 SET	35,000	70,000
<b>TOTAL EX-WORKS PRICE IN AURANGABAD (EURO)</b>				<b>70,000</b>

**TERMS & CONDITIONS**

DELIVERY:	100 days after receipt of technically & commercially clear order with advance.
TERMS OF PAYMENT:	50% down payment with order 50% prior to shipment
VALIDITY:	30 days from this date
WARRANTY:	02 to 03 months from the date of last major dispatch against manufacturing defects.
COMMISSIONING CHARGES:	Assignment charges for commissioning Engineer per Man-day <b>EURO 700/-</b> -commencing from the date of absence from their headquarters to the day he reports to headquarters. Free boarding & lodging will be arranged by the client. Actual Return air fare to be borne by the customer.
FORCE MAJEURE:	Both Buyer and Seller shall be under no liability if fulfillment of this order is delayed due to reasons caused by Force Majeure conditions such as wars, industrial disputes, lockout, pandemics, acts of God, natural disasters, flood, earth quake and /or any other Government actions. Force Majeure conditions shall mean and include any circumstances and occurrences beyond the control of the Company and/or its sub-suppliers which hinder the execution of its duties, as for example mobilization or war and warlike conditions (irrespective of whether war has been declared or undeclared), revolts, rebellious sabotage, acts of terrorism, strikes (declared or undeclared), lockouts, other labor disputes, natural disasters, fire, flood or unforeseeable circumstances or epidemics, hindrance like strike or bandh called by any political /

local party and delay in transport, all Acts of God and State (Central or Provincial), etc.

Seller/Buyer shall notify each other by fax/Email within 48 hours of such occurrence followed by confirmation in writing by courier mail.

**FOR PARASON MACHINERY (INDIA) PVT LTD**

**AUTHORISED SIGNATORY**

