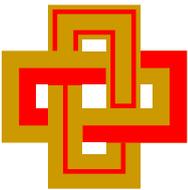
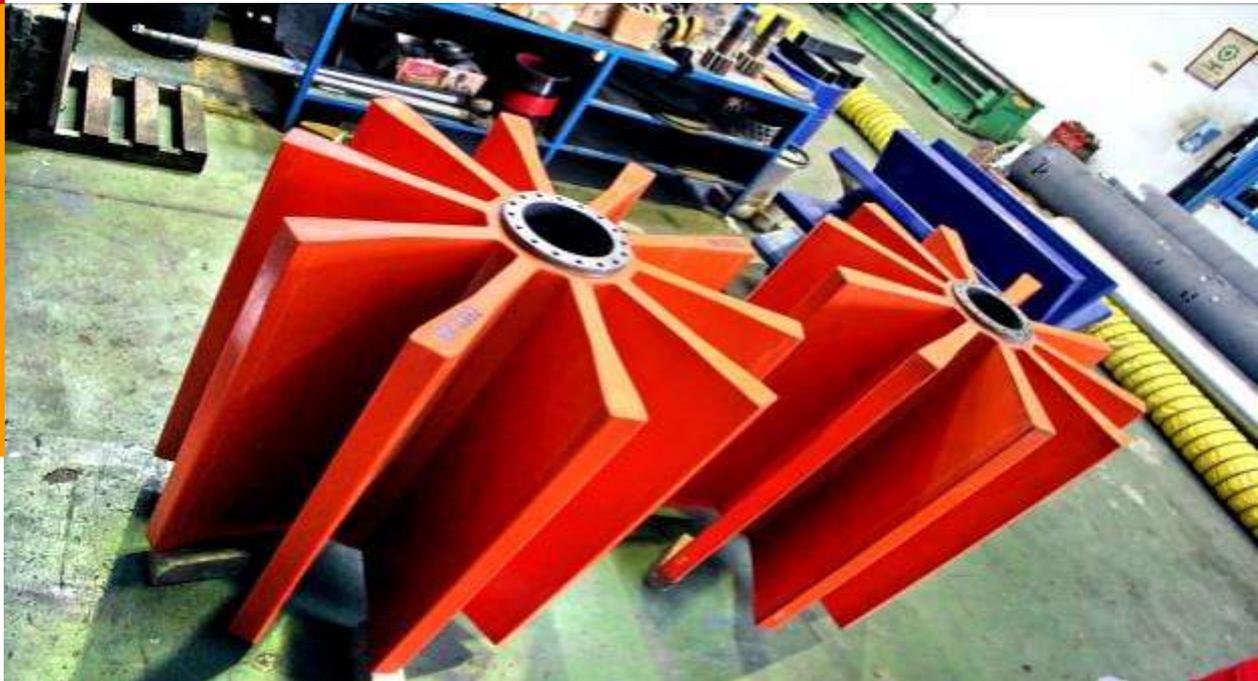




PT. MININDO JAYA



Mining Services Solution

High Quality Polyurethane Elastomer Parts

Polyurethane Parts Lining & Coating

Internal Pipe Lining

Roll | Pulley | Roll Cover Service

Dynamic Balancing

Journal Refurbishment Service

Arc Spray & HVOF Spray Coating (Tungsten Carbide)

Epoxy Ceramic Composite Coating



PT. MINI NDO JAYA

Mining Services Solution

Factory / Workshop:

Jl. Inti 1 Block C1 No.8

Bekasi International Industrial Estate

Kawasan Hyundai Lippo Cikarang, Bekasi 17550, Indonesia

Phone: +62 (21) 89900203 – 205

Fax: +62 (21) 89900201

Email: sales@minindojaya.com

Polyurethane Elastomer Parts & Assembly



Poly Guide Roller Assembly Complete Set

Polyurethane Roll Lining Available
New Fabrication Available



Polyurethane Pulley

Polyurethane Lining Available
New Fabrication Available



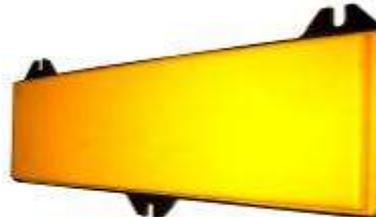
Poly Drive Roller for Ball Mill

Polyurethane Roll Lining Available
New Fabrication Available



Mining Polyurethane Screen

New Fabrication Available



Polyurethane Damper Pad

New Fabrication Available



Poly Butterfly Valve Lining

Colour: Red
Application: Polyurethane Cover Lining



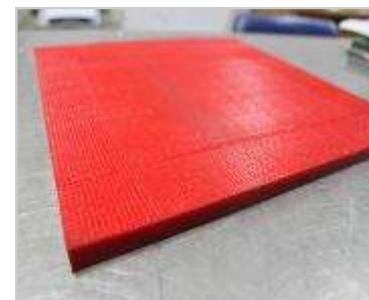
Poly Scrapper

Colour: Red, Orange
Application: Belt Scrapper
New Fabrication



Poly Washer

Colour: Red
Application: Washer Spacer



Poly Wear Pad

Colour: Red
Application: Wear Pad Tile



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Polyurethane Elastomer Feeders, Liners, Intermediates



Poly Liner

Colour: Dark Blue

Report and Certification Provided

New Fabrication



Poly Feed Spout

Colour: Orange & Dark Blue & Green

Report and Certification Provided

New Fabrication



Poly Intermediate Spout

Colour: Red

Report and Certification Provided

Polyurethane Lining

New Fabrication Available



**Poly Feed Chute
& Ring Set**

Colour: Blue

Report and Certification Provided

New Fabrication



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Bekasi International Industrial Estate

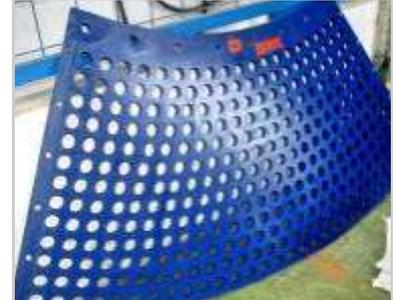
Kawasan Hyundai Lippo Cikarang, Bekasi 17550, Indonesia

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Email: sales@minindojaya.com

Polyurethane Elastomer Parts for Floatation



Poly Disperser + Hood Set

Colour: Dark Blue

Report and Certification Provided

New Fabrication



Poly Star Rotor

Colour: Orange & Dark Blue

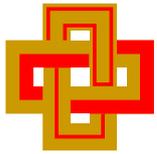
Report and Certification Provided

Dynamic Balancing ISO1940/1 included

Refurbishment Service Available

New Fabrication Available





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Internal Pipe Lining



Poly Pipe Lining Set

Various Sizes & Shapes

- Straight
- Elbow
- Tee Pipe
- Spool Pipe





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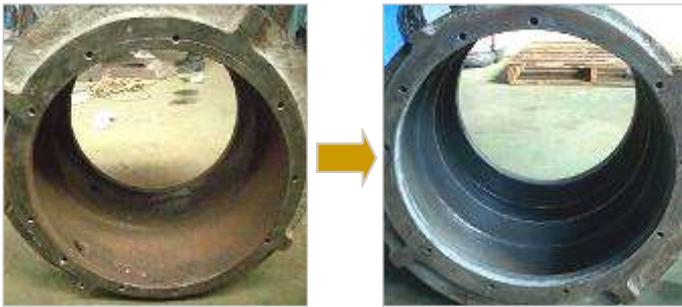
Fax: +62 (21) 89900201

Email: sales@minindojaya.com

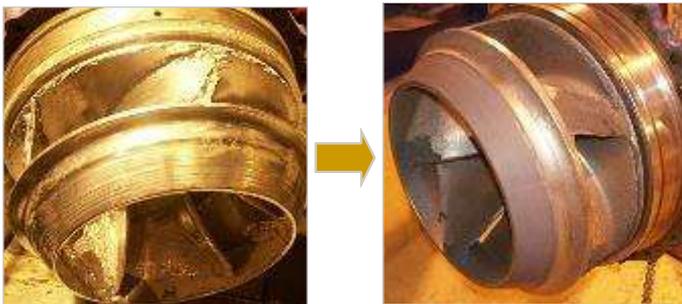
Wearguard® Ceramic Epoxy Systems

Wearguard® Ceramic Epoxy Systems are 100% solids, ceramic-filled systems that offer outstanding performance characteristics including:

- Superior Corrosion / Erosion Resistance
- Excellent Abrasion Resistance
- Good Impact Resistance
- High Chemical Resistance
- High Heat Resistance to 150°C



The rotor casing has been worn out causing loss of pressure on the system. Rebuilding was accomplished and precision finishing was performed for cone clearance.



Extensive usage has eroded the rotor's impeller resulting turbulence in the system flow. Impeller was rebuilt with better lifetime expectancy



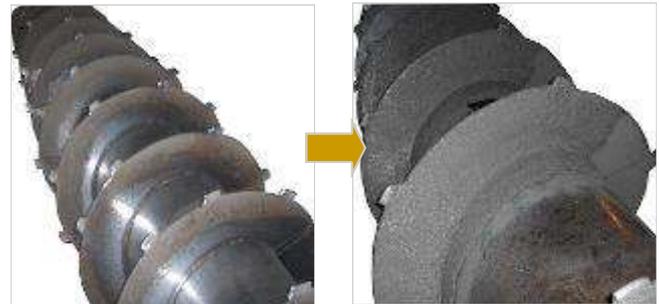
Rebuilding of worn out bearing seat on the shaft was accomplished using the Wearguard® system. Precision Finishing and Grinding was performed to achieve bearing fit tolerance



The casing of the fan pump has been damaged due to extensive wear and poor maintenance. Rebuilt to like-new condition with approximately half the cost of new one.



Fan pump cover's surface condition was severely damaged by corrosion attack. Successfully profiled and rebuilt by Elastomer Nusindo.



Screw conveyor required welding repairs bimonthly. Lifetime was significantly improved after coating with Wearguard® System.

COMPLETE PUMP REFURBISHMENT SERVICE



Complete Refurbishment Service by Elastomer Nusindo including:

**parts refurbishment | coating & protection
dynamic balancing | complete assembling | pump commissioning**



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Dynamic Balancing



Dynamic Balancing (ISO 1940/1)

- For all rotating equipments
 - Rollers and Rolls
 - Rotors
 - Impellers
 - Shafts and Crankshafts
- G 1.0 available
- Certification provided
- Vibration report provided

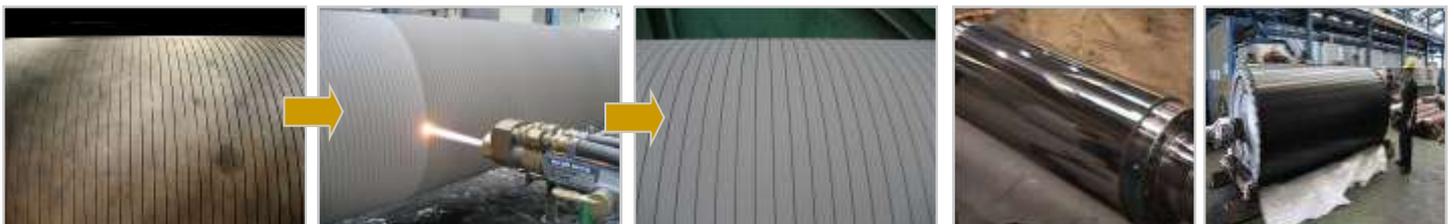
Arc Spray Coating



Low temperature Welding technology using pre molten arc that is sprayed into the surface of the work piece.
Maximum temperature of the workpiece does not exceed 65 deg Celsius.

**New Technology | Low Temperature | Does Not Alter Metal Properties | Hardness 55 HRC
Restore Dimension | Increase Wear Resistance | Corrosion Protection | Increase Surface Quality**

HVOF Spray Coating (Tungsten Carbide)



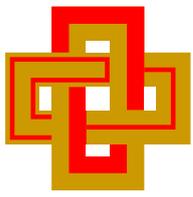
Before and After Pictures of HVOF Spray Coating

Mirror Finish

Teflon Coating

State of the Art Wear Resistance Metal Coating Technology with Tungsten Carbide

**Unmatched Wear Resistance | Hardness 65 HRC | Anti Corrosion | Increase Surface Density
|Mirror Finished Available | Teflon Coating Available**



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sales@minindojaya.com

Branch Office:
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 Kel. Gunung Bahagia
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 F:+62 (21) 89900201



Company Profile

With the substantial development and continuous needs for high quality polyurethane Elastomer products and other mining services; **Minindo Jaya** is established as a subsidiary of **PT. Elastomer Nusindo** to provide and better serve the Indonesian mining community.

Minindo Jaya is fully owned and operated by Indonesian. Our goal is to provide high quality aftermarket parts and components that does not have to be procured from overseas.

This will give our customers a competitive edge by providing them with more cost friendly alternative parts, shorter delivery time, warranty backed products and better after sales services.

Our engineers are able to fabricate customized shapes and sizes for all your Polyurethane Elastomer mining parts needs.

Polyurethane v.s. Rubber Load Bearing Capability					
Material	OD	W	ID	Load Capacity	Ratio
	mm	mm	mm	(kgs)	
Polyurethane	125	50	75	520	3.25
Rubber	125	50	75	160	1

Tabor Abrasion Data	
Material	Milligram Loss
Polyurethane (80A PE)	3
Nylon	24
UHMW Polyethylene	29
Plytetrafluoroethylene	42
Nitrile Rubber	44
Nylon	49
PVC	160
Butyl Rubber	205
Neoprene	250
Polystyrene	324

Key Attributes of Polyurethane Elastomer:

- Excellent Abrasion Resistance
- Superior Mechanical Properties
- High Tensile & Tear Strength
- High Load Bearing Capability & Toughness
- Wide Range of Hardness
- Superior Flexibility and Resilience
- Environment Resistant to UV, Ozone, Oxygen
- Oil, Grease, and Chemical Resistant
- Water and Rust Resistant

Polyurethane Elastomer Advantage

Polyurethane Elastomer is a specially developed material that offers durability and flexibility with excellent abrasion resistance, high load bearing capability and toughness.

With over 15 years of experience in material application, processing technique, and in depth engineering knowledge; **Elastomer Nusindo** has become an established industry leader in Indonesia's Polyurethane Elastomer market. We have the cutting edge in material application selection to best suit your particular application and needs.

Through its partnership with **Elastomer Nusindo**; **Minindo Jaya** is ready to better serve the Indonesian mining community.