ENGINEERING INK (PTY) LTD

SOLUTIONS THAT KEEP INDUSTRY MOVING

XJ-500

SCHOLTZ SLURRY PUMP

HEAVY-DUTY | HIGH-PERFORMANCE | BUILT FOR MINING

5 YEAR LIMITED WARRANTY

Designed for the toughest slurry applications in mining, mineral processing and tailings.



ENGINEERED TO RUN LONGER IN ABRASIVE SLURRY

Less Wear. Less Downtime. Lower Lifetime Cost.

- EXTENDED WEAR LIFE
- RELIABLE PERFORMANCE
- LOWER OPERATING COST
- BUILT FOR HARSH CONDITIONS

OUR PUMPS SPEAK FOR THEMSELVES!

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PRODUCT OVERVIEW

The XJ-500 Scholtz Slurry Pump is a heavy-duty, high-efficiency centrifugal slurry pump engineered for continuous duty in abrasive and corrosive slurry applications. With a robust design, high-chrome wear components and a large-diameter, slow-turning impeller, the XJ-500 delivers exceptional reliability, performance and service life in the most demanding mining and industrial environments.

- MINING
- MINERAL PROCESSING
- TAILINGS & DAMS
- SAND & AGGREGATES
- INDUSTRIAL APPLICATIONS

PRODUCT IMAGES



Front View



Side View (Drive End)



Rear View



Top / Angle View

Engineered for a Tougher Tomorrow

KEY FEATURES

- Heavy-duty design for continuous operation
- High-chrome abrasion-resistant wet end (A05/A49 options)
- Large-diameter, low-speed impeller for extended wear life
- High efficiency (up to 90%+)
- Robust bearing assembly with grease or oil lubrication options
- Replaceable wear liners for reduced maintenance cost
- Back pull-out design for easy maintenance
- Suitable for highly abrasive and corrosive slurries
- Multiple seal options (expeller, mechanical seal, gland packing)
- Standard and customised configurations available

BENEFITS

- Longer component life in abrasive conditions
- Reduced maintenance downtime
- Lower total cost of ownership
- High reliability and consistent performance
- Easy maintenance and quick part replacement
- Suitable for a wide range of mining and industrial applications



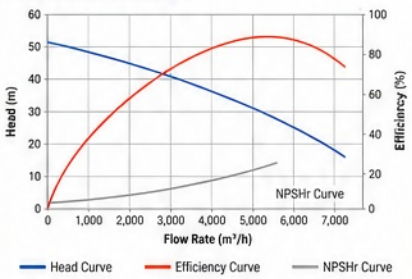
Main Components (Exploded View)

High-chrome wear parts designed for maximum durability

TECHNICAL SPECIFICATIONS

Parameter	Specification
Model	XJ-500 Scholtz Slurry Pump
Type	Horizontal Centrifugal Slurry Pump
Max. Flow Rate	6,521 m³/h
Max. Head	51 m
Max. Pressure	2,020,000 Pa (2.02 MPa)
Impeller Efficiency	Up to 90%+
Operating Speed	1,450 rpm (50 Hz) / 1,750 rpm (60 Hz)
Suction Size	DN500 (consult for specific config.)
Discharge Size	DN400 (consult for specific config.)
Materials of Construction	High-chrome alloy (A05 / A49), Rubber-lined option available
Shaft Seal Options	Expeller seal / Mechanical seal / Gland packing
Bearing Assembly	Heavy-duty, grease or oil lubricated
Mounting	Common base with flexible coupling
Application	Abrasive and corrosive slurry
Warranty	5 Years (limited, terms and conditions apply)

PERFORMANCE CURVE



Note: Curves are indicative and may vary based on slurry density, particle size and configuration. Contact Engineering Ink for a detailed selection curve.

APPLICATIONS



Gold & Precious Metals



Mineral Processing



Tailings & Dams



Coal & Heavy Minerals



Industrial Slurries



Sand & Aggregates

QUALITY | SUPPORT | RELIABILITY

- Expert Technical Support
- Genuine Spare Parts
- Local & Export Supply
- 5 Year Limited Warranty

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SCAN QR CODE TO VIEW PRODUCT ONLINE

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