

12-Inch High-Chrome Slurry Pump

This 12-inch pump is engineered for handling highly abrasive slurries. Its design allows for the efficient transfer of large particles, making it suitable for various heavy-duty applications.



Overview

High-Performance Dredge and Gravel Solution

The NP-G series is engineered for the continuous pumping of extremely aggressive slurries featuring a wide particle size distribution. These pumps are capable of handling large solids at consistently high efficiencies, ensuring a low total cost of ownership for demanding operations. The robust high-chromium alloy construction and large internal casing profile reduce internal velocities, significantly extending the service life of wear components.

Key Performance Metrics

Featured Performance

220 mm

Max Particle Size

1512 m³/h

Max Flow Rate

58 m

Max Head

Technical Specifications

Specific Model	12X10G-NP-G
Flow Range	360 - 1512 m ³ /h
Head Range	11 - 58 m
Speed Range	400 - 850 r/min
Efficiency Range	50% - 70%
NPSHr	1.5 - 6 m

Applications

Typical Applications

- Slag Granulation
- Suction Hopper Dredging
- Barge Loading
- Sand Reclamation
- Sugar Beet Processing

Compliance & Quality

Certifications	CE, ISO 9001, SGS
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Series Performance Comparison

NP-G Series Parameters

Model	Flow (m3/h)	Head (m)	Max Particle (mm)
6X4D-NP-G	187-36	7-51	82
8X6E-NP-G	576-133	10-48	127
10X8F-NP-G	930-216	11-44	178
14X12G-NP-G	3168-522	9.5-66	241
12X10G-NP-GH	2232-612	28-77	210