

EZstrip™

take the challenge out of Mine Dewatering



NOV Mono

One Company, Unlimited Solutions





THE BIGGEST REVOLUTIONARY CHANGE TO MINE DEWATERING IN 30 YEARS.

NOV Mono has taken the challenge out of dewatering by launching the new EZstrip™ mine dewatering solution.

Growing its family of revolutionary maintain-in-place (MIP) solutions, Mono™ has launched yet another EZstrip™ innovation which is set to transform the mine dewatering industry by significantly reducing costly downtime.

Following on from the successful launch of the EZstrip™ Progressing Cavity (PC) pump range, Mono™ has incorporated the same MIP technology into its range of mine dewatering systems, providing world class innovation for its mining customers.

By consulting our customers, we have developed the first progressive cavity pump MIP system that will dramatically improve efficiencies in maintenance and decline interruptions. This new shorter and lower pumping package provides the solution for mines that have a smaller more compact area to work with.

By incorporating the EZstrip™ concept to the dewatering solution, maintenance can easily be carried out resulting in a major industry breakthrough to take the challenge out of mine dewatering.



MAINTAIN IN PLACE

Making a 6-7 hour maintenance operation to less than 60 minutes.

NEW SIZE BENEFITS

- Length reduced by 20%
- Height reduced by 20%

WORKING AT HEIGHT MADE EASY

Hopper lowered to eliminate working at height including a moveable step/platform for viewing & cleaning.

EXTRA CORROSION PROTECTION

For the first time hoppers are now galvanized as standard along with base, platform and pipework.

PAINTING

Pump and gear motor are the only painted items which will use a quality enamel paint.



FEATURES & BENEFITS

The EZstrip™ mine dewatering pump is an extension of our successful family of MIP equipment. It is available with rotating stainless steel parts and the choice of a further two pump sizes within the same footprint.

Benefits include:

- Reduction in maintenance time by up to 80%.
- MIP for quicker more efficient way of working.
- Requires only standard maintenance equipment to maintain/install.
- Preassemble drive train elements, guaranteeing the integrity of the asset.
- Eliminates dismantling lengths.
- No belts or pulleys to maintain.
- Provide optimal safety to maintenance staff.
- Considerable reduction in size and height allowing for greater flexibility and manoeuvrability.
- Gland packing as standard with optional mechanical seal.
- One standard footprint for all pump sizes.

CAPACITY	up to 20 l/s
PRESSURE	up to 36 bar
TEMPERATURE	-10°C up to 110°C
ROTORS	316 stainless steel HCP
STATOR	Nitrile rubber
MODELS	3 options available

TYPICAL APPLICATION

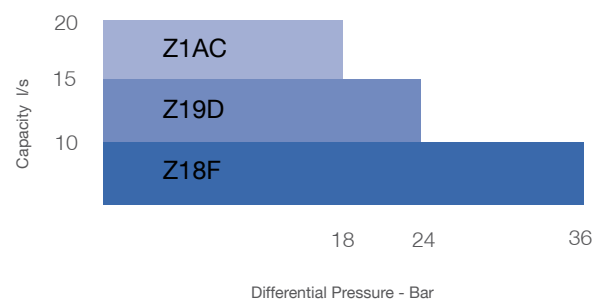
To raise both water & suspended solids direct to the surface or into a water management program of the mine.

Current NOV Mono dewatering pump

New compact EZstrip™ design



RANGE OVERVIEW





MAINTAIN IN PLACE

GO FROM 6-7 HOURS MAINTENANCE TO LESS THAN 60 MINUTES.

To minimize maintenance time and the costs involved with mine dewatering, the EZstrip™ mine dewatering package can easily be maintained in place, without disconnecting or removing any pipework.

Currently, the removal of rotating parts from a typical progressing cavity pump can take anywhere from 6 to 7 hours. With the EZstrip™ this is shortened to less than 60 minutes, ensuring that your mine has minimal downtime due to maintenance.

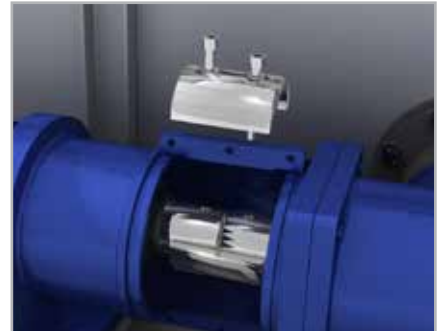
1. Complete unit to begin - remove or relocate step ladder.



2. Unscrew 6 standard cap head screws.



3. Unscrew 2 standard cap heads to release patented split coupling.



4. Final bolts removed to release half rings to withdraw stator.



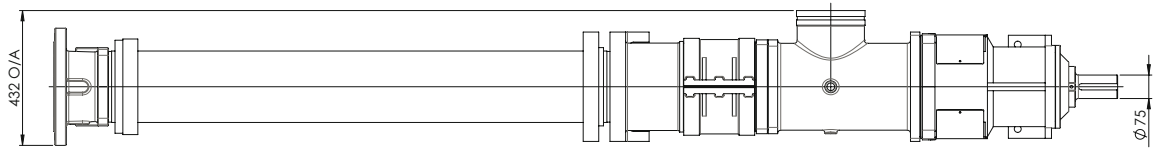
5. Complete rotor/stator assembly now removed.



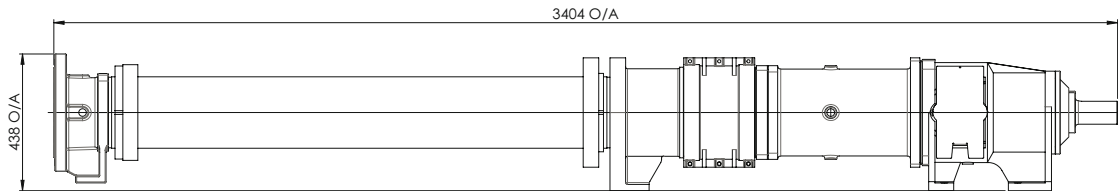
6. Rotor easily withdrawn.



DIMENSIONS - PUMP

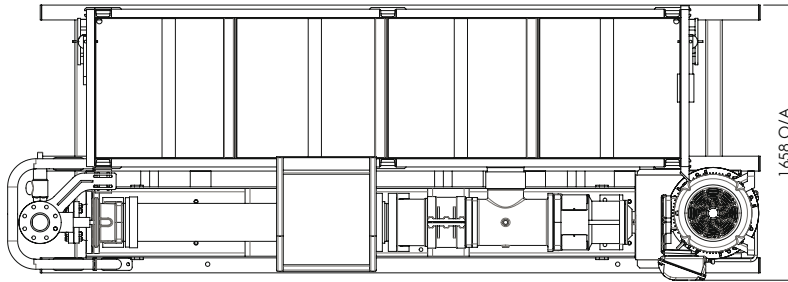


Width

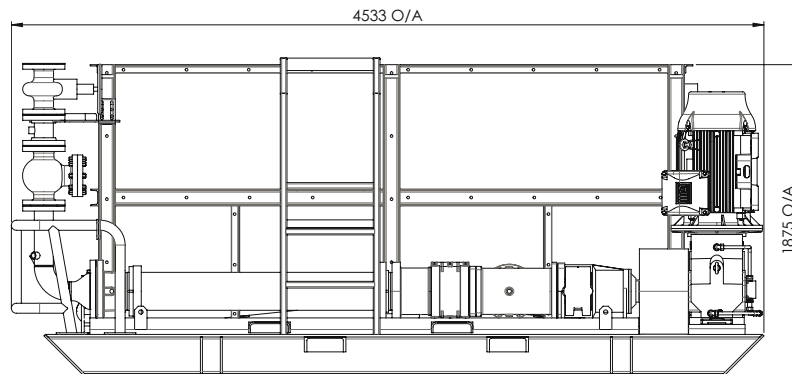


Height & Length

DIMENSIONS - STATION



Width



Height & Length

All dimensions in mm's, unless otherwise stated and for guidance only.
For full certified drawings or assistance in selecting a pump, please contact NOV Mono

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