The Great Little All-Rounder:

NOV MONO® CP RANGE PUMPS:

Simple design. Sturdy lightweight construction. Conveniently compact.

Whether for domestic pumping requirements, or light industrial duties - they’ll keep up with the pressure of work!

Four models available (CP11, CP25, CP800 and CP1600) each operating on the well proven “progressive cavity” principle, and between them a variety of performance capabilities, up to a maximum capacity of 1650 gph (125lpm), and pressures of up to 92 feet (28 metres).

STATOR OPTIONS:

- Natural.
- Nitrile (Standard).
- Hypalon.
- High Nitrile.
- Fluoroelastomer (CP11 and CP25 only).

THE NOV MONO® PRINCIPLE:

The CP uses the famous helical rotor pumping principle.

The heart of the Mono Pump is the single helix metal rotor which rotates eccentrically within a double helix resilient stator of twice the pitch length of the rotor. The rotor of circular cross section creates a continuously forming cavity as it rotates. The cavity progresses towards the discharge end, advancing in front of a continuously forming seal line, carrying the pumped material with it. As the stator open cross sectional area is always constant the flow rate is continuous without pulsation.

THE PRINCIPLE BENEFITS ARE:

1. Capacity is proportional to speed.
2. Self priming even with entrained air.
3. Can handle a variety viscous materials.
4. Minimal damage to shear sensitive products.
5. Can handle liquids containing solids or abrasive particles.
6. Pulsation free operation.
7. Positive displacement.
Bareshaft & Motorised:

CP11 & CP25 Bareshaft

CP800 & CP1600 Bareshaft

CP11 & CP25 Motorised

CP800 & CP1600 Motorised
Pre-selection Information

FEATURES & BENEFITS:

<table>
<thead>
<tr>
<th>Feature</th>
<th>Benefit</th>
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<tr>
<td>Single mechanical seal</td>
<td>Low maintenance</td>
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<tr>
<td>Self priming up to 6 m</td>
<td>High suction lifts</td>
</tr>
<tr>
<td>Tough engineered grade acetal co-polymer plastic housing</td>
<td>Long lasting, low replacement costs</td>
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<tr>
<td>Stainless steel internal rotating parts</td>
<td>Corrosion free, long life</td>
</tr>
<tr>
<td>Close coupled drive arrangement</td>
<td>Compact in size</td>
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<tr>
<td>Simple and easy to maintain</td>
<td>Low maintenance</td>
</tr>
<tr>
<td>Integral mounting bracket</td>
<td>Ease of installation</td>
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<tr>
<td>Tropical proof motor as standard</td>
<td>Can be installed outside</td>
</tr>
<tr>
<td>BSP threaded port connections</td>
<td>Ease of installation</td>
</tr>
<tr>
<td>Stainless Steel fasteners</td>
<td>Long Life</td>
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<tr>
<td>Bareshaft options</td>
<td>Optional drive selections</td>
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PERFORMANCE TABLE:

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<th>Capacity LPM</th>
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<tr>
<td>CP11</td>
<td>11 lpm</td>
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<tr>
<td>CP25</td>
<td>25 lpm</td>
</tr>
<tr>
<td>CP800</td>
<td>60 lpm</td>
</tr>
<tr>
<td>CP1600</td>
<td>125 lpm</td>
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</tbody>
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Heads to: 28 metres

Motor options: 240v and 415v

Maximum speed: 1450 rpm

Lead length: 2 metres (240v only)

SUCTION CURVES:

* For pressures above 28 metres contact Mono Pumps Technical Support on 1800 333 138.
Typical products/applications:

- Milk
- Honey
- Food colour
- Fruit juice
- Wine
- Detergents
- Mustard
- Domestic Water Supply
- Septic Effluent
- Brine injection for meat curing
- Oily water
- Molasses transfer stock feed