Grinding & Machining for sealing surfaces

Surface Grinding Machine

CHRIS-MARINE®

CPM

For grinding of sealing surfaces between cylinder head and cylinder liner, and between cylinder liner and engine frame on medium bore diesel engines.

Product features

- Standard operating range diameter 350 - 700 mm
- For workshops onboard and ashore
- Pneumatically operated
- Easily operated by one man
- Versatile
- Optional milling equipment

Innovative engineering since 1962
Milling
Milling groove in cylinder liner / cylinder cover with high speed carbide tool.

CPM machine mounted on cylinder cover and cylinder liner
A wide range of specific mounting adapters is available to fit various grinding applications on all medium 4-stroke engines in the market.

CPM machine mounted on cylinder liner with extra accessories for under-up grinding
Frequently used application for eliminating water leakage due to corroded landing surfaces.

CPM machine mounted on engine frame
Standard application for grinding landing surface on engine frame.

Technical specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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<tbody>
<tr>
<td>Machine capacity</td>
<td>Ø350 - Ø700 mm</td>
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<tr>
<td>Air pressure</td>
<td>0.6 - 0.9 MPa (6 - 9 bar or 85 - 130 psi)</td>
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<tr>
<td>Air consumption</td>
<td>1500 l/min</td>
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<tr>
<td>Air hose connection</td>
<td>16 mm (5/8”)</td>
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</table>
| Weight                        | Basic machine 95 kg  
|                               | Aligning equipment 5 - 85 kg |
| Max dimensions                | H: 642 mm |

www.chris-marine.com