VARIOMAT, Drilling Machine and Screwdriver in one Tool

Versatile for the Wood Industry

- Perfectly balanced and ergonomic handle
- For a wide range of applications
- High speeds
- High torque output

The flexible VARIOMAT Screwdriver, which was specially designed for the industries of wood processing, permits the use in many different application varieties:

**this tool is able to drill holes and also to assemble screws.**

By using suitable accessories a full range of applications can be handled with just one tool - no matter if the tool is used for screwdriving or for drilling!

The ergonomic shape of the handle allows a good grip and assures a fatigue-proof effort over long time periods.

The speed of 2,000 rpm assures the efficient and economical operation of this All-Rounder for any wood processing.

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Handheld Screwdriver pneumatic for special applications

**VARIOMAT (basic model without accessories)**

**Screwdriving with the VARIOMAT:**
Screwdriving into hardwood up to a screw shaft-diameter of 4-mm and into softwood up to a diameter of 5-mm, are the strong points of the VARIOMAT. We offer several different design variations of the flexible pistolgrip screwdriver:

- **VARIOMAT with shut-off clutch:**
  Fulfills the high accuracy demands. Screwdriver will torque out and shut off automatically after reaching the pre-set torque.

- **VARIOMAT with slip clutch:**
  As soon as the preset torque is reached, the slip-clutch activates. For assemblies such as hinges on windows.

- **VARIOMAT with adapter:**
  The cost-effective direct-drive solution without shut-off, simplify different tasks such as the clamping of bits.

**Drilling with the VARIOMAT:**
The VARIOMAT is designed for the drilling into wood up to 10-mm. We offer keyless drill chuck or standard drill chuck as suitable accessories.
### TECHNICAL DATA

<table>
<thead>
<tr>
<th>VARIOMAT (basic model)</th>
<th>Type</th>
<th>305-237UH</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Part no.</td>
<td>401354A</td>
</tr>
<tr>
<td>Speed (idling)</td>
<td>rpm</td>
<td>2000</td>
</tr>
<tr>
<td>Stall torque max.</td>
<td>Nm/in.lbs</td>
<td>6.7 / 50</td>
</tr>
<tr>
<td>Air consumption</td>
<td>m³/min/cfm</td>
<td>0.5 / 17.7</td>
</tr>
<tr>
<td>Weight</td>
<td>kg/lbs</td>
<td>0.9 / 2</td>
</tr>
<tr>
<td>Hose i.d.</td>
<td>mm/μm</td>
<td>10 / 0.39</td>
</tr>
<tr>
<td>Power</td>
<td>W</td>
<td>230</td>
</tr>
<tr>
<td>Noise level</td>
<td>dB (A)</td>
<td>78</td>
</tr>
<tr>
<td>Connector thread for air hose</td>
<td></td>
<td>1/4” m</td>
</tr>
</tbody>
</table>

### Optional Equipment

**Drill chuck (chucking range 0.8 - 10 mm)**

Part no. 828633

**Quick-change chuck (chucking range up to 13 mm)**

Part no. 829257

**Adaptor**

Part no. 394865A

Internal hex. of shaft, DIN ISO 1173

with integrated quick-change chuck

(for suitable inserting tools and connectors with DIN ISO 1173 – E6.3 (1/4”) drive, please also check brochure D 3320 E – Inserting Tools for Screw Drivers)

**Slip clutch cpl.**

Part no. 401375D

Torque min. Nm/in.lbs 0.5 / 5

Torque max. Nm/in.lbs 4 / 35

Weight kg/lbs 1.1 / 2.4

**Shut-off clutch cpl.**

Part no. 401375C

Torque max. (soft pull-up) Nm/in.lbs 4.5 / 40

Torque max. (hard pull-up) Nm/in.lbs 5 / 44

Weight kg/lbs 1.1 / 2.4

Performance data relate to an air pressure of 6.3 bar (90 PSI)

For the handling of wood screws, the following table may be used as a guideline:

<table>
<thead>
<tr>
<th>Max. screw size</th>
<th>Hardwood</th>
<th>Softwood</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 x 60</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>5 x 50</td>
<td>✔️</td>
<td>✔️</td>
</tr>
</tbody>
</table>

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