**Model Type** - Pages 6-27

**Pneumatic Feed and Drive**
- AFD205 0.22kW (0.29HP)
- AFD215 0.22kW (0.29HP)
- AFD415 0.38kW (0.50HP)
- AFD/AFT60 0.52kW (0.70HP)

**Pneumatic Feed, Electric Drive**
- AFDE200 0.25kW (0.33HP)
- AFDE400 0.33kW (0.40HP)
- AFDE410 0.75kW (1.00HP)
- AFDE600 0.33kW (0.40HP)
- AFDE610 0.75kW (1.00HP)
- AFDE620 1.10kW (1.50HP)
- AFDE700 1.50kW (2.00HP)
- AFDE710 2.20kW (3.00HP)

**Electric Feed and Drive via Leadscrew**
- AFTE270 0.18kW (0.24HP)
- AFTE470 0.38kW (0.50HP)
- AFTE480 0.75kW (1.00HP)

---

**No Load Speed** - Pages 6-27

The free output speed of the drill or tapper with no drilling or tapping load applied.

---

**Control Block** - Page 28

- A1 – Full feature type\(^{(1)}\) – Automatic cycle
- A6 – Simple type\(^{(1)(2)}\) – Remote cycle control
- A7 – Leadscrew type – PNP
- A8 – Leadscrew type – NPN

---

**Output Spindle**\(^{(2)}\) - Pages 30/31

Output spindle to be supplied.

---

**How to Order**

```
AFDE400 - 2850 - A1 + B24
```

Model Code | No Load Speed | Control Block | Output Spindle

\(^{(1)}\) Not required on AFTE models.
\(^{(2)}\) Does not apply for AFD60 and AFT60.
**AFDE tappers**

- Comprehensive range of tapping tools
- Tapping gearboxes feature push-pull drive which automatically reverses when the tool returns (except AFDE700)
- Capacity up to 22mm (3/4") in aluminium, 16mm (5/8") in mild steel

**tapping electric drive with pneumatic feed – push-pull**

### Specification

<table>
<thead>
<tr>
<th>TOOL TYPE</th>
<th>SPEED</th>
<th>POWER</th>
<th>CURRENT</th>
<th>TORQUE</th>
<th>STROKE</th>
<th>WEIGHT</th>
<th>AIR CONSUMPTION</th>
<th>SOUND LEVEL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(rpm)</td>
<td>kW</td>
<td>HP</td>
<td>Amps</td>
<td>Nm</td>
<td>mm</td>
<td>kg</td>
<td>ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AFDE200-B50</td>
<td>850</td>
<td>1.02</td>
<td>0.25</td>
<td>0.34</td>
<td>0.75</td>
<td>2.4</td>
<td>21.2</td>
<td>90</td>
</tr>
<tr>
<td>AFDE200-1200</td>
<td>1200</td>
<td>1.45</td>
<td>0.25</td>
<td>0.34</td>
<td>0.75</td>
<td>1.8</td>
<td>15.9</td>
<td>90</td>
</tr>
<tr>
<td>AFDE400-330</td>
<td>330</td>
<td>0.34</td>
<td>0.44</td>
<td>0.95</td>
<td>0.95</td>
<td>8.6</td>
<td>76.1</td>
<td>100</td>
</tr>
<tr>
<td>AFDE400-550</td>
<td>550</td>
<td>0.66</td>
<td>0.44</td>
<td>0.95</td>
<td>0.95</td>
<td>5.2</td>
<td>46.0</td>
<td>100</td>
</tr>
<tr>
<td>AFDE400-900</td>
<td>900</td>
<td>1.10</td>
<td>0.44</td>
<td>0.95</td>
<td>0.95</td>
<td>3.2</td>
<td>28.3</td>
<td>100</td>
</tr>
<tr>
<td>AFDE400-1200</td>
<td>1200</td>
<td>1.45</td>
<td>0.44</td>
<td>0.95</td>
<td>0.95</td>
<td>2.4</td>
<td>21.2</td>
<td>100</td>
</tr>
<tr>
<td>AFDE410-330</td>
<td>330</td>
<td>0.75</td>
<td>1.00</td>
<td>1.9</td>
<td>1.9</td>
<td>19.6</td>
<td>173.5</td>
<td>100</td>
</tr>
<tr>
<td>AFDE410-550</td>
<td>550</td>
<td>0.60</td>
<td>1.00</td>
<td>1.9</td>
<td>1.9</td>
<td>11.8</td>
<td>104.4</td>
<td>100</td>
</tr>
<tr>
<td>AFDE410-900</td>
<td>900</td>
<td>1.10</td>
<td>1.00</td>
<td>1.9</td>
<td>1.9</td>
<td>7.2</td>
<td>63.7</td>
<td>100</td>
</tr>
<tr>
<td>AFDE410-1200</td>
<td>1200</td>
<td>1.45</td>
<td>1.00</td>
<td>1.9</td>
<td>1.9</td>
<td>3.94</td>
<td>47.8</td>
<td>100</td>
</tr>
<tr>
<td>AFDE600-330</td>
<td>330</td>
<td>0.34</td>
<td>0.44</td>
<td>0.95</td>
<td>0.95</td>
<td>8.6</td>
<td>76.1</td>
<td>100</td>
</tr>
<tr>
<td>AFDE600-550</td>
<td>550</td>
<td>0.66</td>
<td>0.44</td>
<td>0.95</td>
<td>0.95</td>
<td>5.2</td>
<td>46.0</td>
<td>100</td>
</tr>
<tr>
<td>AFDE600-900</td>
<td>900</td>
<td>1.10</td>
<td>0.44</td>
<td>0.95</td>
<td>0.95</td>
<td>3.2</td>
<td>28.3</td>
<td>100</td>
</tr>
<tr>
<td>AFDE600-1200</td>
<td>1200</td>
<td>1.45</td>
<td>0.44</td>
<td>0.95</td>
<td>0.95</td>
<td>2.4</td>
<td>21.2</td>
<td>100</td>
</tr>
<tr>
<td>AFDE610-330</td>
<td>330</td>
<td>0.75</td>
<td>1.00</td>
<td>1.9</td>
<td>1.9</td>
<td>19.6</td>
<td>173.5</td>
<td>100</td>
</tr>
<tr>
<td>AFDE610-550</td>
<td>550</td>
<td>0.60</td>
<td>1.00</td>
<td>1.9</td>
<td>1.9</td>
<td>11.8</td>
<td>104.4</td>
<td>100</td>
</tr>
<tr>
<td>AFDE610-900</td>
<td>900</td>
<td>1.10</td>
<td>1.00</td>
<td>1.9</td>
<td>1.9</td>
<td>7.2</td>
<td>63.7</td>
<td>100</td>
</tr>
<tr>
<td>AFDE610-1200</td>
<td>1200</td>
<td>1.45</td>
<td>1.00</td>
<td>1.9</td>
<td>1.9</td>
<td>3.94</td>
<td>47.8</td>
<td>100</td>
</tr>
<tr>
<td>AFDE700-140</td>
<td>140</td>
<td>1.70</td>
<td>1.50</td>
<td>2.00</td>
<td>3.7</td>
<td>3.7</td>
<td>28.3</td>
<td>127</td>
</tr>
<tr>
<td>AFDE700-280</td>
<td>280</td>
<td>1.34</td>
<td>1.50</td>
<td>2.00</td>
<td>3.7</td>
<td>3.7</td>
<td>46.0</td>
<td>127</td>
</tr>
<tr>
<td>AFDE700-460</td>
<td>460</td>
<td>1.55</td>
<td>1.50</td>
<td>2.00</td>
<td>3.7</td>
<td>3.7</td>
<td>28.3</td>
<td>127</td>
</tr>
<tr>
<td>AFDE700-950</td>
<td>950</td>
<td>1.14</td>
<td>1.50</td>
<td>2.00</td>
<td>3.7</td>
<td>3.7</td>
<td>28.3</td>
<td>127</td>
</tr>
</tbody>
</table>

All AFDE700 models do not use a tapping head and require an electrical reversing circuit to control the tool. Please ask for advice.

The following tools require suitable output spindles to fit a tapping head:

<table>
<thead>
<tr>
<th>TOOL TYPE</th>
<th>OUTPUT SPINDLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFDE200</td>
<td>K32</td>
</tr>
<tr>
<td>AFDE600</td>
<td>B24</td>
</tr>
<tr>
<td>AFDE610</td>
<td>B24</td>
</tr>
</tbody>
</table>

**How to order**

Examples:

- AFDE200-B50 + K32 + 357193(H21)
- AFDE400-550 + B7
- AFDE610-900 + B24 + 383813(J19)
AFDE tappers accessories

<table>
<thead>
<tr>
<th>ACCESSORIES RANGE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control Blocks</td>
<td>28</td>
</tr>
<tr>
<td>Multiple Spindle Heads</td>
<td>34</td>
</tr>
<tr>
<td>Clamps</td>
<td>37-40</td>
</tr>
<tr>
<td>Colets</td>
<td>32</td>
</tr>
</tbody>
</table>

**AFDE200 electric drive**

H21 Tapping Gearbox  
Part No. 357193  
Capacity 4.5-8mm  
(3/16”-5/16”)  
Use with K32 output

**AFDE400/410 electric drive**

B7 Tapping Gearbox  
Part No. 92362  
Capacity 3.5-6.5mm  
(9/64”-1/4”)  
B8 Tapping Gearbox  
Part No. 92892  
Capacity 4.5-8mm  
(3/16”-5/16”)

**AFDE600/610 electric drive**

J19 Tapping Gearbox  
Part No. 383813  
Capacity 4.5-9.5mm  
(3/16”-3/8”)  
Use with B24 output
Ease of Incorporation into Machine or Process

- Extensive range of mounting clamps
- Control interfaces to link AFD(E) to other equipment through pneumatics or electrically
- Single signal required for AFD(E) to perform cycle
- Output signals at datum and depth
- Electric motor mounting on 200, 400 and 600 series can be rotated through 180°

Modular Design

- Flexibility of unit function and speed
- Common components in differing models reducing inventory
- Multiple spindle head options
- Drill and tapping options for all models

Comprehensive range of Product

- For single spindle operations to multi spindle processes
- Pneumatic and electric drive from 0.22 to 2.2kW (0.3-3.0HP) with thrusts from 320 to 2670N (72-600lbf)
- Reliability through quality