**Model Type** - Pages 6-27

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

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

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

**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.

---

**Lou Zampini & Associates**
2 Douglas Pike, Rt. 7
Smithfield, RI 02917
1 800 353 4676
FAX 1 401 679 0165

---

**How to Order**

AFDE400 - 2850 - A1 + B24

---

\(^{(1)}\) Not required on AFTE models.
\(^{(2)}\) Does not apply for AFD60 and AFT60.
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 0.3-3.0HP (0.22 to 2.2kW) with thrusts from 72-600lbf (320 to 2670N)
- Reliability through quality
AFTE270 leadscREW

- Light duty high speed leadscrew tappers
- Features 0.24HP (0.18kW) brake motor
- Optional control box with integral PLC controller
- Supplied fitted with proximity switches for depth, datum and ‘no hole’ sensing, PNP or NPN
- Quick release interchangeable leadscrew and nut assembly
- Capacity up to 1/4” (6mm) in aluminium, 1/8” (3mm) in mild steel depending on thread form

**AFTE270**

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**leadscrew/nut assemblies AFTE270**

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**AFTE270 control box**

USA 220/480V
Europe 380/415V
Part No. 105062
Part No. 105052

- Proximity switches included with tool.

**Control Blocks**

A7 – PNP Switches
A8 – NPN Switches
AFTE270 accessories

<table>
<thead>
<tr>
<th>ACCESSORIES</th>
<th>RANGE</th>
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<td>Clamps</td>
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AFTE270 leadscrew
AFTE470/480 lead screw

- High power brake motors with options of 0.50HP (0.38kW) or 1.00HP (0.75kW)
- Optional control box with integral PLC controller
- Supplied fitted with proximity switches for depth, datum and ‘no hole’ sensing, PNP or NPN
- Quick release interchangeable leadscrew and nut assembly
- Capacity up to 3/8” (10mm) in mild steel, 5/8” (16mm) in aluminium depending on thread form

AFTE470 tapping performance specification

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<th>TOOL TYPE</th>
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<th>STROKE</th>
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AFTE480 tapping performance specification

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Leadscrew/nut assemblies AFTE470/480

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AFTE470/480 control box

USA 220/480V Part No. 105062
Europe 380/415V Part No. 105052