AutoDrill™

5000 AutoDrill Series

The **5000 AutoDrill** series is de signed for automatic drilling of lar ger holes a nd other heavy duty operations. It comes standard with features that make it easy to setup, a djust and maintain. All operations are performed with a st andard electric motor a nd a small volume of shop air. T his keeps the operating costs to a minimum.

Some of the many uses of the 5000 AutoDrill series are:

- Plate and structural steel hole drilling operations
- Drilling multiple holes with a single unit
- Flow drilling
- High thrust applications
- Multi-wall drilling operations
- Deep hole operations up to 6"
- Precision depth control applications
- Operations requiring all position mounting
- Operations requiring through the spindle coolant
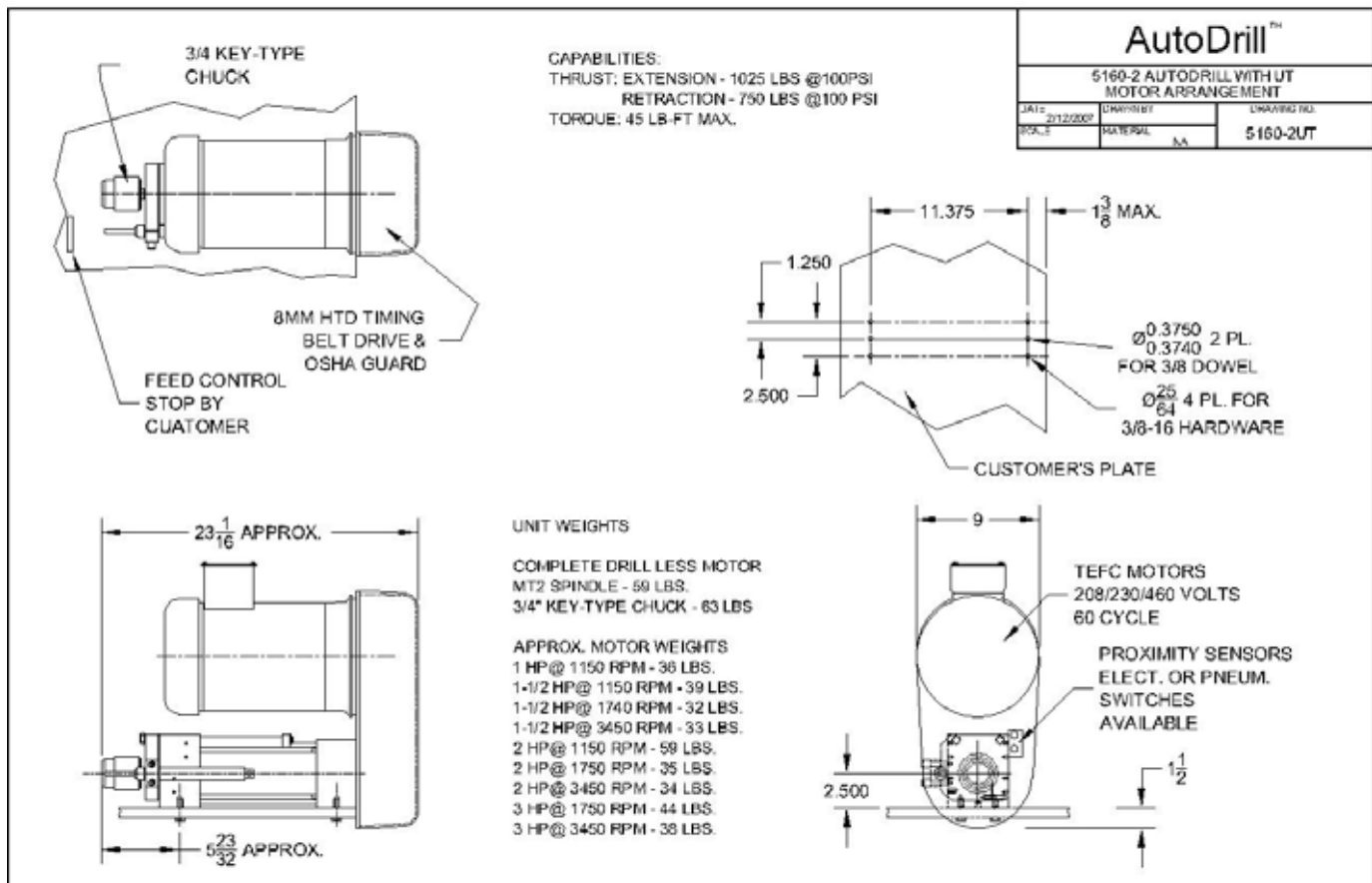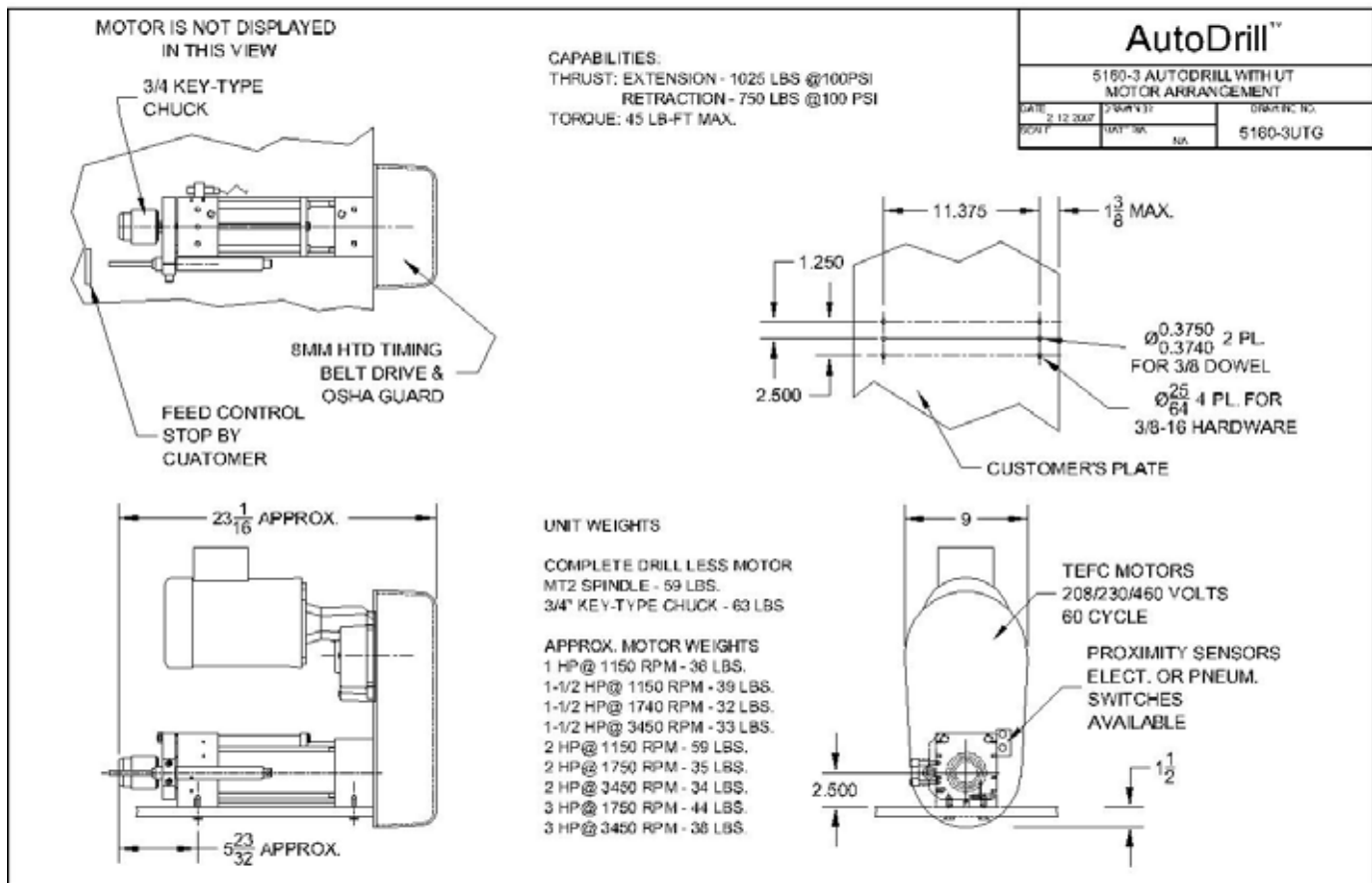- Large Morse Taper tooling requirements

5100-5200 AutoDrill Series

The **5100 AutoDrill** series is based on the **5000 AutoDrill** series with the addition of a Hydro Speed feed control. This additional control is useful when a clean hole breakthrough, improved hole roundness in thin sections, precision depth control operations, larger holes or when two-speed operation are desired.

Two-speed feed rate is standard. Th e pneumatic controls manage the less critical wor k approach and the Hydro Speed cylinder, when its' ro d contacts the customer's stop, manages the critical work penetration and break-thru rate. The cylinder does not incr ease the width of the unit. This fea ture is appreciated when drilling closely spaced holes. Maintenance is al so simplified since it can be adjusted or replaced without disturbing the AutoDrill body.

The 5200 AutoDrill series has all of the feat ures as the **5100 AutoDrill** series except it is specifically designed to work with our stock **Adjustable Spindle** and custom **Fixed Spindle Pattern heads**.

Call Toll Free 800-871-5022 For More Information

Top Drawing — 5160-3UTG

MOTOR IS NOT DISPLAYED IN THIS VIEW

3/4 KEY-TYPE CHUCK

8MM HTD TIMING BELT DRIVE & OSHA GUARD

FEED CONTROL STOP BY CUATOMER

CAPABILITIES:
THRUST: EXTENSION - 1025 LBS @100PSI
RETRACTION - 750 LBS @100 PSI
TORQUE: 45 LB-FT MAX.

AutoDrill™
5160-3 AUTODRILL WITH UT MOTOR ARRANGEMENT
DATE 2.12.2007
SCALE
MAT'NK NA
DRAWING NO. 5160-3UTG

11.375
$1\frac{3}{8}$ MAX.
1.250
2.500
$\varnothing^{0.3750}_{0.3740}$ 2 PL. FOR 3/8 DOWEL
$\varnothing\frac{25}{64}$ 4 PL. FOR 3/8-16 HARDWARE
CUSTOMER'S PLATE

$23\frac{1}{16}$ APPROX.
$5\frac{23}{32}$ APPROX.

UNIT WEIGHTS

COMPLETE DRILL LESS MOTOR
MT2 SPINDLE - 59 LBS.
3/4" KEY-TYPE CHUCK - 63 LBS

APPROX. MOTOR WEIGHTS
1 HP@ 1150 RPM - 36 LBS.
1-1/2 HP@ 1150 RPM - 39 LBS.
1-1/2 HP@ 1740 RPM - 32 LBS.
1-1/2 HP@ 3450 RPM - 33 LBS.
2 HP@ 1150 RPM - 59 LBS.
2 HP@ 1750 RPM - 35 LBS.
2 HP@ 3450 RPM - 34 LBS.
3 HP@ 1750 RPM - 44 LBS.
3 HP@ 3450 RPM - 38 LBS.

9
TEFC MOTORS 208/230/460 VOLTS 60 CYCLE
PROXIMITY SENSORS ELECT. OR PNEUM. SWITCHES AVAILABLE
2.500
$1\frac{1}{2}$

Bottom Drawing — 5160-2UT

3/4 KEY-TYPE CHUCK

8MM HTD TIMING BELT DRIVE & OSHA GUARD

FEED CONTROL STOP BY CUATOMER

CAPABILITIES:
THRUST: EXTENSION - 1025 LBS @100PSI
RETRACTION - 750 LBS @100 PSI
TORQUE: 45 LB-FT MAX.

AutoDrill™
5160-2 AUTODRILL WITH UT MOTOR ARRANGEMENT
DATE 2/12/2007
SCALE
MATERIAL NA
DRAWING NO. 5160-2UT

11.375
$1\frac{3}{8}$ MAX.
1.250
2.500
$\varnothing^{0.3750}_{0.3740}$ 2 PL. FOR 3/8 DOWEL
$\varnothing\frac{25}{64}$ 4 PL. FOR 3/8-16 HARDWARE
CUSTOMER'S PLATE

$23\frac{1}{16}$ APPROX.
$5\frac{23}{32}$ APPROX.

UNIT WEIGHTS

COMPLETE DRILL LESS MOTOR
MT2 SPINDLE - 59 LBS.
3/4" KEY-TYPE CHUCK - 63 LBS

APPROX. MOTOR WEIGHTS
1 HP@ 1150 RPM - 36 LBS.
1-1/2 HP@ 1150 RPM - 39 LBS.
1-1/2 HP@ 1740 RPM - 32 LBS.
1-1/2 HP@ 3450 RPM - 33 LBS.
2 HP@ 1150 RPM - 59 LBS.
2 HP@ 1750 RPM - 35 LBS.
2 HP@ 3450 RPM - 34 LBS.
3 HP@ 1750 RPM - 44 LBS.
3 HP@ 3450 RPM - 38 LBS.

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TEFC MOTORS 208/230/460 VOLTS 60 CYCLE
PROXIMITY SENSORS ELECT. OR PNEUM. SWITCHES AVAILABLE
2.500
$1\frac{1}{2}$

AutoDrill™

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Websites www.AutoDrill.com, www.Multi-Drill.com   E-Mail Info@AutoDrill.com