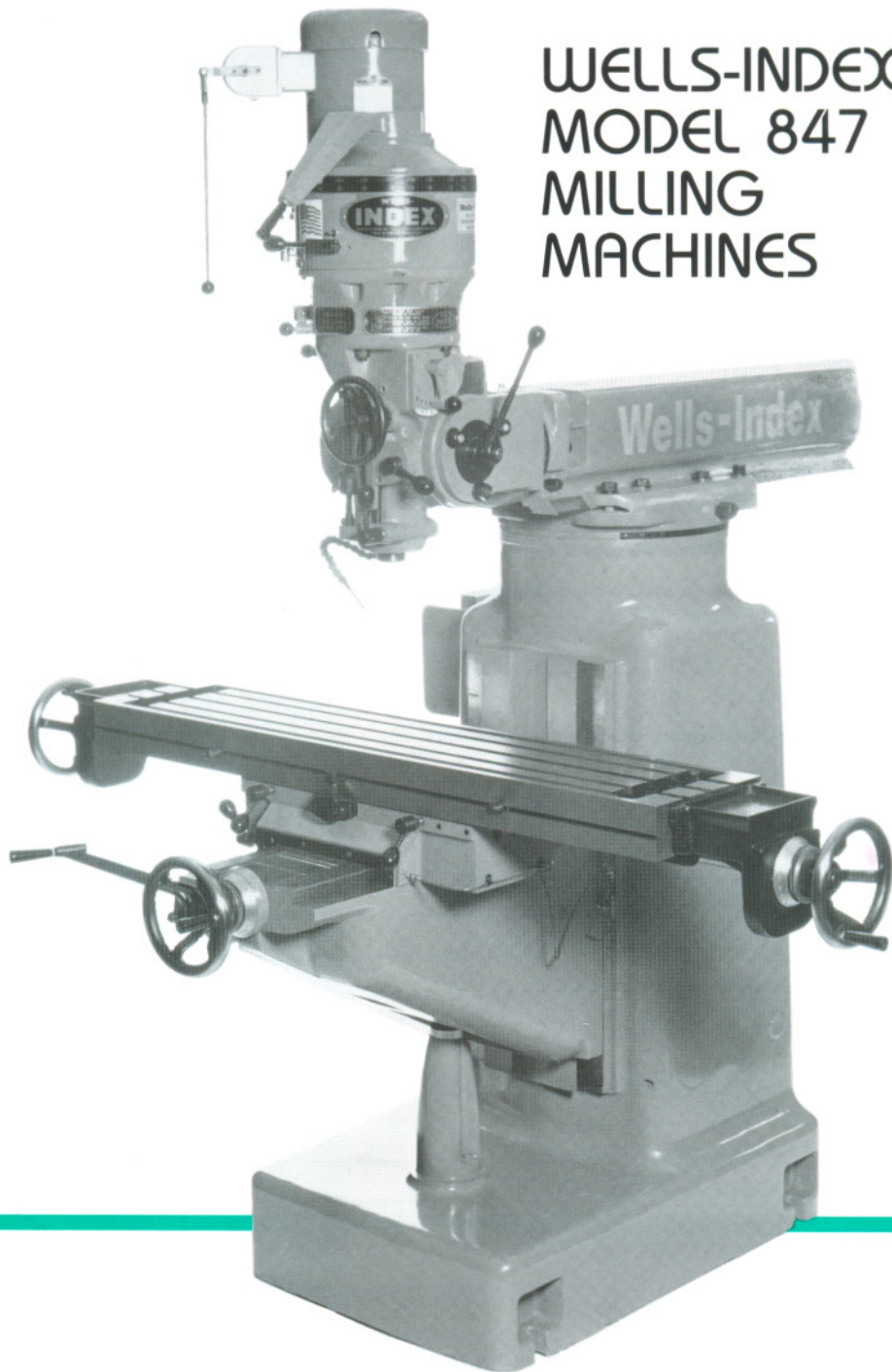


# SPECIFICATIONS

Well's Index Machines are 100% U.S.A. Manufactured Products



WELLS-INDEX  
MODEL 847  
MILLING  
MACHINES



**Wells-Index Division**  
**A & D Machinery Company**  
701 West Clay Avenue  
Muskegon, Michigan 49440-1064  
Phone (616) 759-0950 • Fax (616) 728-7456  
NEW AREA CODE 231

# MODEL 847 MILLING MACHINE

Buying a new machine tool is a big commitment. You're going to want to live with your choice of a mill for many years, so why not start with the best.

Wells-Index builds a quality line of knee-type milling machines. And with over 50 years of experience behind us, we can assure you that every mill we build is the best and is a 100% U.S.A. manufactured product.

A Wells-Index 3 HP ram and turret milling machine demands your consideration. Read through the list of Wells-Index standard features and optional equipment below, and you'll see why.

Wells-Index's famous manual-operation Model 847 is the perfect means of achieving economical, quality production. Standard features include:

- Variable speed head with exclusive direct lever control for quick, easy speed adjustment.
- A precision vernier scale for quick depth setting.
- Rigid overarm on wide dovetails.
- The spindle is supported by four (4) angular contact bearings for added rigidity and precision.
- Stronger head clamping than usually found.
- 3 3/8" quill with the choice of #30 MMT or R-8 spindle taper.
- Heavier than usual 10" x 48" table with coolant channels and 34" of travel. Available in manual or optional power.
- One-shot lube system.
- Heavy-duty saddle.
- Full handwheels have large dials which are graduated in increments of .001".
- A power quill feed that is available at all spindle speeds and rated for a 5/8" diameter drill. 60% greater than most knee-type mills.

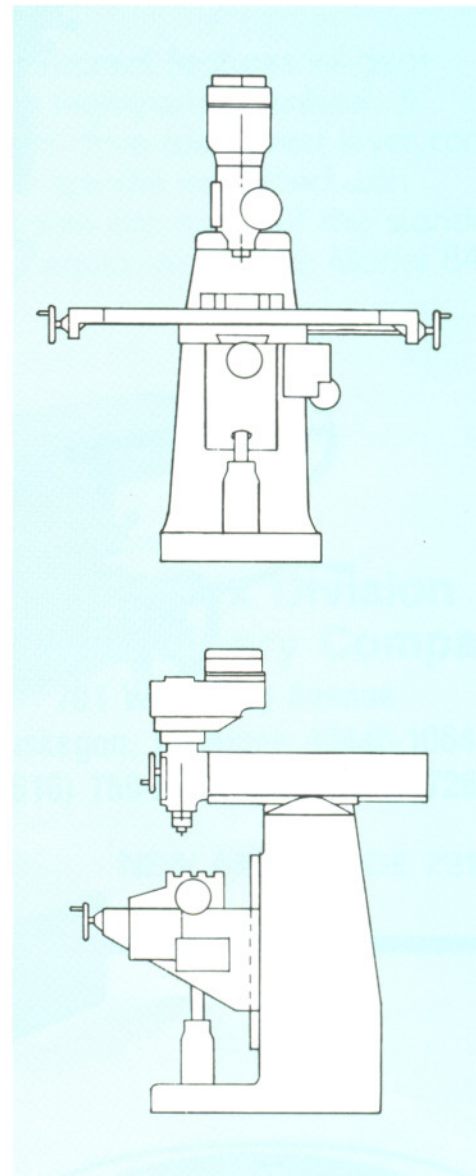
## **Spray Mist System**

- Large, heavily ribbed knee with wide ways.
- Way covers.
- Massive column and base for maximum machine rigidity.
- Hand-scraped hard chrome ways.

Here are just a few of the optional extras that will give you maximum efficiency and versatility with your "847".

- 200 Kwik-Switch and other spindle taper options are available.
- Longitudinal, cross, or knee power feeds.
- Flood coolant systems.
- Right-angle milling head.
- Power drawbar.
- Digital read-out system.
- Rotary tables.
- Riser blocks.
- Column-mounted light.

Many other accessories are available. Please contact the factory or your local distributor for complete details.



## STANDARD SPECIFICATIONS ON ALL MODEL 847 MILLING MACHINES

TABLE	
Overall size	10" X 48"
T-slots	three - 5/8"
Distance between T-slots	2 1/4"
Handwheel dial graduations	.001"
TRAVELS	
Longitudinal	34"
Cross	14"
Vertical (knee)	16 1/2"
Quill	5 1/4"
Overarm (RAM)	30"
Optional power feeds, infinitely variable	3/4" to 35" per min.
THROAT DIMENSIONS	
Center of spindle to column face	2 1/2" min., 28" max.
Center of table to column face	5" min., 17" max.
Spindle nose to top of table	0" min., 16 1/2" max.
Head tilt - front to back	45°-0-45°
- side to side	90°-0-90° (and greater)
Spindle taper - standard	R-8 or #30 MMT Quick Change
- optional	* #200 KWIK-SWITCH
Spindle speeds - variable	back gear 50 to 525, direct drive 400 to 4200 rpm
Spindle rotation	reversible
Quill feeds	.0015", .003", .006"
Quill diameter	3 3/8"
Turret & overarm rotation	360°
MOTORS	
Spindle	single speed, 3 hp continuous duty
SHIPPING WEIGHT (approx.)	3000 lbs.

Specifications subject to change without notice.

\* Consult factory for other spindle taper options.

Wells-Index assumes single source warranty for machine for a period of one year from date of installation.