

TOPWELL

3AVK, CNC MILL FRAME

3 HP MAIN MOTOR

AUTOMATIC SPINDLE BRAKE (OPT)

RIGID & FIXED RAM.
(BOLTED & PINNED)
MOVABLE RAM. (OPT)

MASSIVE SQUARE
& FIXED HEAD.

#30 QUICK CHANGE TAPER
THREAD (OPT)
QUICK CHANGE NUT. (OPT).

MICRO SWITCH

Y-AXIS

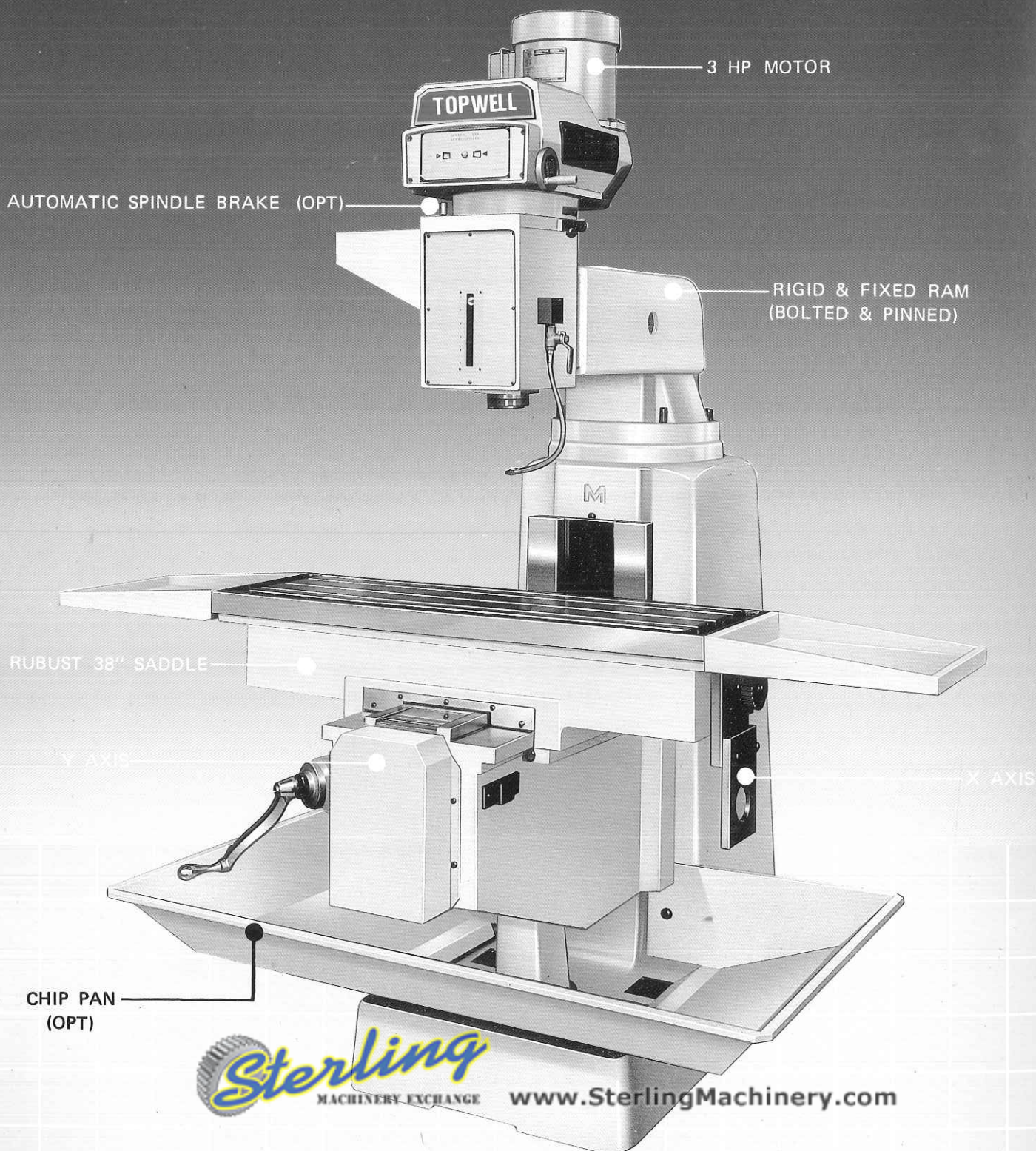
CHIP PAN

Sterling
MACHINERY EXCHANGE

www.SterlingMachinery.com

TOPWELL

4BVK, CNC MILL FRAME



SPECIFICATIONS :
UNIT: INCH (MM)

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MODEL		3AVK	3BVK	4BVK
TABLE	Working area	10'' x 50'' (254 x 1270)	13'' x 42'' (330 x 1066)	
	T-slots	3 x 5/8'' (16)		
	T-slots distance	2½'' (63.5)	3-3/8'' (85.875)	3 – ¾'' (82.5)
TRAVELS	Table (X)	30'' (762)		
	Saddle (Y)	16'' (406)	15'' (381)	
	Quill (Z)	5'' (127)		
	Knee manual	16'' (406)		
	Spindle to column	12'' (305)		13¾'' (350)
	Spindle to table, Min.—Max.	2'' – 18'' (51 – 457)		1¼'' – 17¼'' (32 – 438)
SPINDLE	Main motor power	3 HP		
	Quill diameter	3-3/8'' (85.875)		
	Taper	R8 or #30		
	Speeds	60 – 4200 RPM		
WEIGHTS & MEASUREMENT	Net weights	2800 LBS (1275 KGS)	2910 LBS (1325 KGS)	3190 LBS (1450 KGS)
	Measurement	80'' x 80'' x 86'' (2032 x 2032 x 2184)	94'' x 80'' x 86'' (2388 x 2032 x 2184)	
MACHINING CAPACITY	Maximum workpiece	800 LBS (364 KGS)		

Illustrations and specifications are not binding in detail. The designs are subject to modification and improvement without notice.

STANDARD FEATURES:

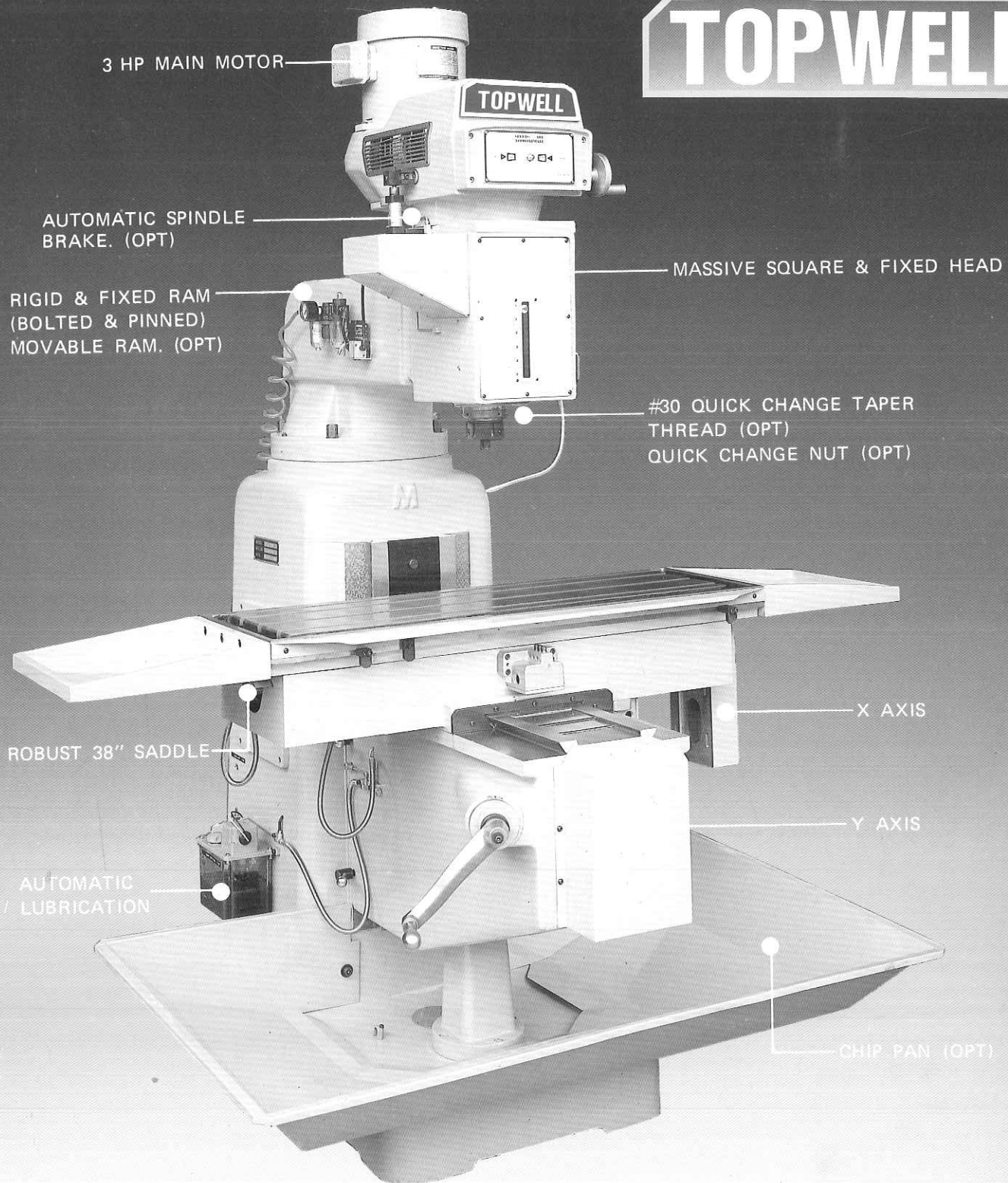
- 3 axis 5 T.P.I. ballscrews
- 3 axis micro switches
- Hardened & ground slideways
- Chromed & ground quill
- Fafnir or class 7 spindle bearings
- Fafnir ballscrews bearings
- Spindle Taper: R8 or #30
- Brackets & covers for servo motors
- Automatic lubrication
- Built-in base coolant system
- Meehanite castings
- Chip pan

OPTIONS:

- Power drawbar
- Automatic spindle brake
- Turcite-B on saddle & gib
- Way covers
- Spindle threaded for #30 quick change nut


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