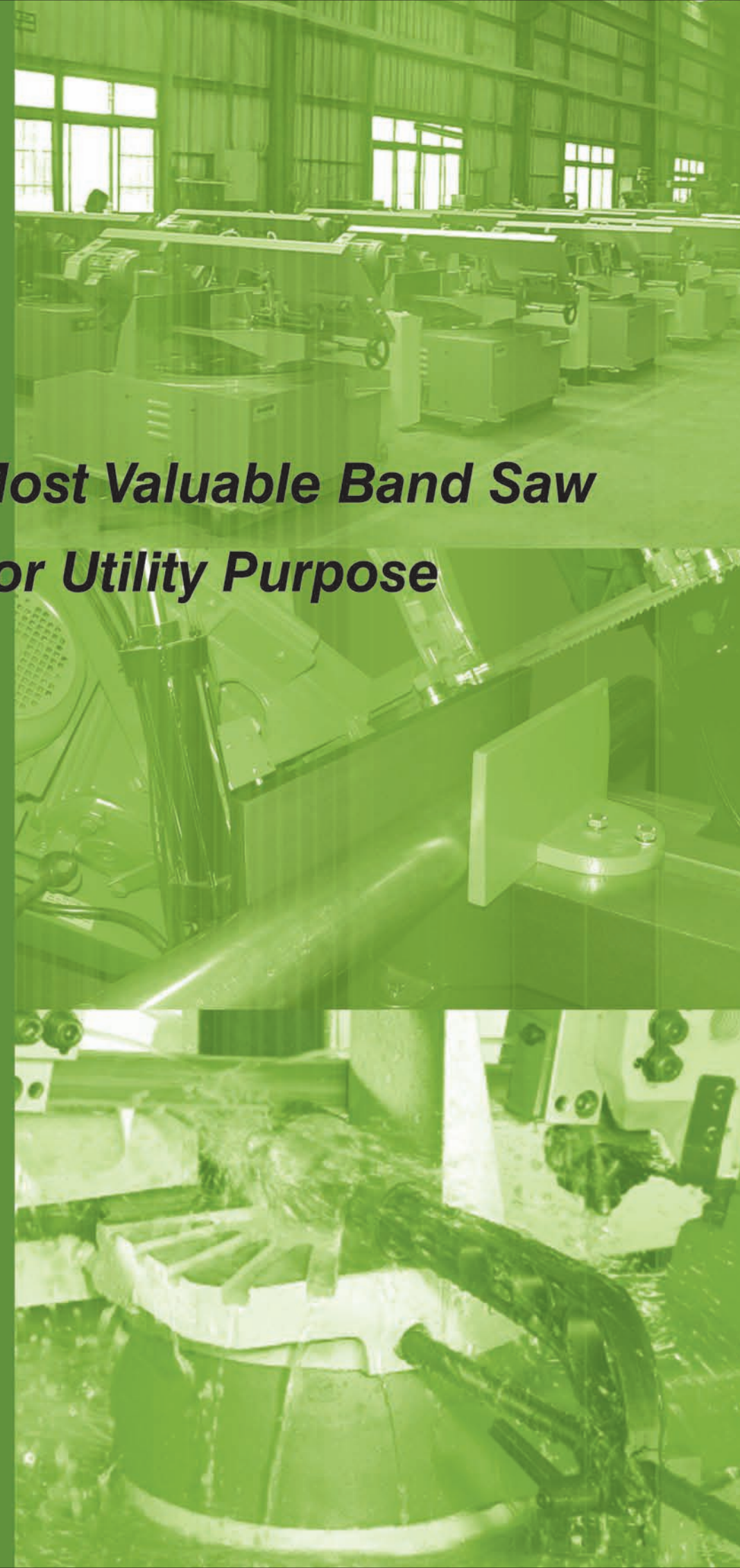


## The Most Valuable Band Saw for Utility Purpose

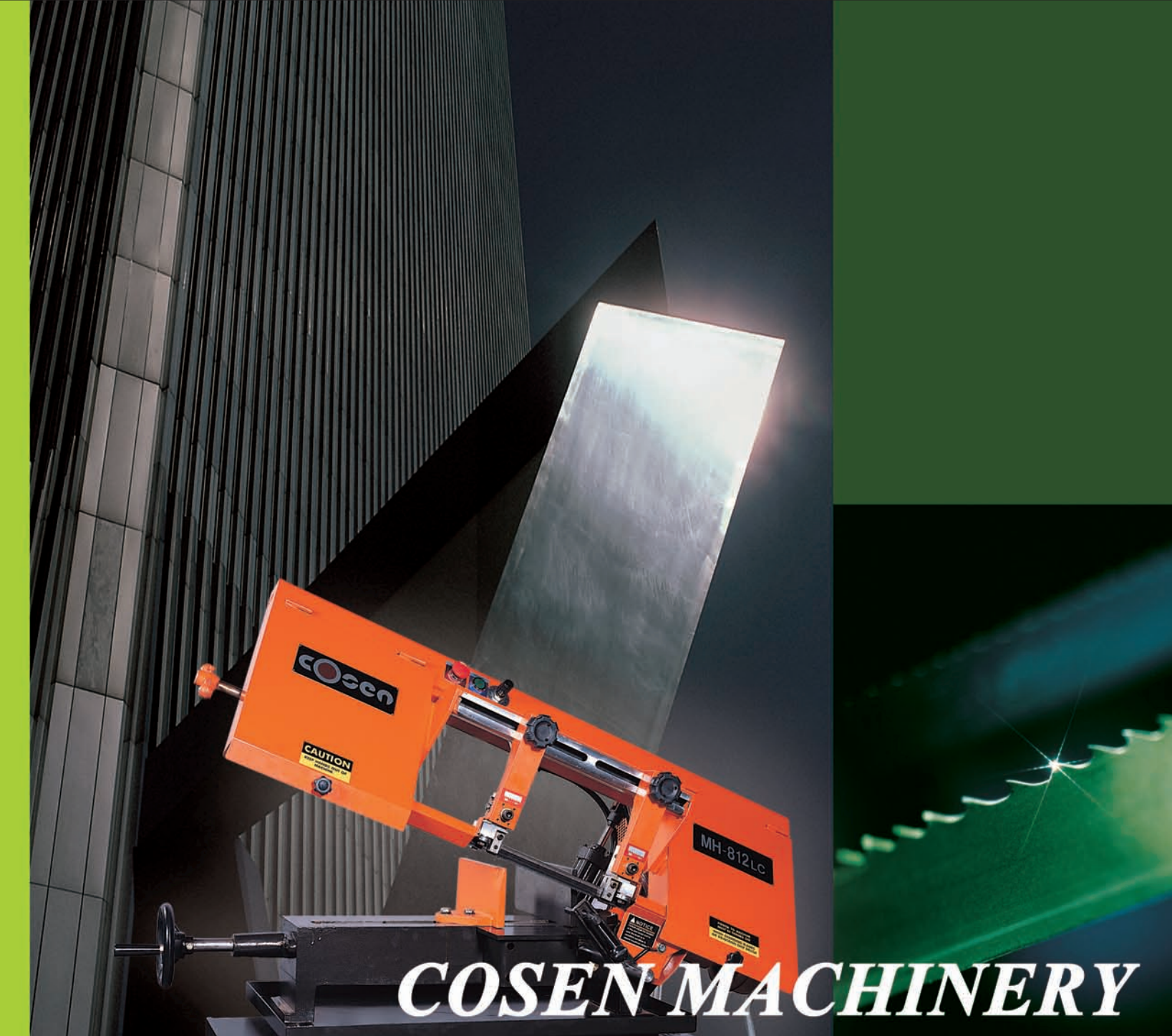


### SPECIFICATIONS

| Model        | MH-1016JA / SH-1016JA              | MH-916JRP                            | MH-812LC   |  |   |
|--------------|------------------------------------|--------------------------------------|--|--|---|
| Capacity     | Round                              | 250mm (10")                          | 230mm (9")   | 200mm (8")                                 |   |
|              | Square                             | 230x230mm (9"x9")                    | 230x230mm (9"x9")  | 180x180mm (7"x7")                          |   |
|              | Rectangular                        | 230x370mm (9"x14.5")                 | 230x370mm (9"x14.5")   | 180x290mm (7"x11.4")                       |   |
| Saw Blade    | Speed                              | 50Hz                                 | 19,31,48,78M/min.<br>62,102,157,256ft/min.                               | 21,32,48,77M/min.<br>68,104,156,251ft/min. | 15,24,39,66M/min.<br>49,80,129,217ft/min. |
|              |                                    | 60Hz                                 | 23,37,58,93M/min.<br>75,121,190,305ft/min.                               | 25,39,57,92M/min.<br>82,127,186,300ft/min. | 18,29,47,79M/min.<br>59,96,155,260ft/min. |
|              | Size                               | 3350x27x0.9mm<br>(132"x1.06"x0.035") | 3350x27x0.9mm<br>(132"x1.06"x0.035")                                     | 2720x27x0.9mm<br>(107"x1.06"x0.035")       |   |
|              | Tension                            | Manual                               |  |  |   |
|              | Motor Output                       | Saw blade<br>Hydraulic<br>Coolant    | 2HP (1.5KW)<br>0.25HP (0.1875KW) (for SH-1016JA only)<br>0.125HP (0.1KW) | 2HP (1.5KW)<br>0.125HP (0.1KW)             | 1HP (0.75KW)<br>0.125HP (0.1KW)           |
| Table Height | 650mm (25.6")                      |                                      |  | 630mm (24.8")                              |   |
| Net Weight   | 432kgs (950lbs)                    |                                      |  | 410kgs (902lbs)                            | 220kgs (484lbs)                           |
| Floor Space  | 1600x710x1110mm<br>(63"x28"x43.7") |                                      |  | 1600x710x1080mm<br>(63"x28"x42.5")         | 1450x625x1145mm<br>(56"x24.5"x45")        |
|              | Shipping Case<br>(67"x31"x48")     |                                      |  | Shipping Case<br>(67"x31"x48")             | Shipping Case<br>(58"x30"x48")            |

| Model                | Angle  | MH-210M  |                               |  | MH-270M  |                          |                         |
|----------------------|--|--|-------------------------------|--|--|--------------------------|-------------------------|
|                      |  | 0  | 45                            | 60   | 0  | 45                       | 60                      |
| Capacity             | Round  | 180mm (7")   | 115mm (4 1/2")                | 70mm (2 3/4")  | 225mm (8 3/4")                                     | 145mm (5 3/4")           | 90mm (3 1/2")           |
|                      | Rectangular  | 200x150mm<br>(7 7/8"x5 7/8")                                 | 125x110mm<br>(4 7/8"x4 5/16") | 70x70mm<br>(2 3/4"x2 3/4")                             | 240x150mm<br>(9 3/8"x6")                           | 145x210mm<br>(5 3/4"x8") | 90x180mm<br>(3 1/2"x7") |
| Saw Blade            | Speed  | 60Hz 48, 96mpm (158, 317fpm)<br>50Hz 40, 80mpm (132, 264fpm) |                               |  | 40, 80mpm (132, 264fpm)<br>35, 70mpm (115, 231fpm) |                          |                         |
|                      | Size   | 2080 x 20 x 0.90mm (81.9"x0.79"x0.035")                      |                               |  | 2450x27x0.9mm (96.5"x1.06"x0.035")                 |                          |                         |
| Tension              | Manual   |  |                               |  |  |                          |                         |
| Saw Blade Motor      | 1HP (0.75KW)   |  |                               | 1.5HP (1.125KW)  |  |                          |                         |
| Weight (Net / Gross) | 190kgs (418lbs) / 215kgs (473lbs)                        |  |                               | 230kgs (506lbs) / 250kgs (550lbs)                      |  |                          |                         |
| Floor Space          | 1280x550x1370mm (50.4"x21.7"x53.9")                      |  |                               | 1350x715x1326mm (53"x28"x52.2")                        |  |                          |                         |
| Shipping Case        | 1140x665x740mm (44.9"x26.2"x29.1")<br>(Knock down stand) |  |                               | 1365x720x750mm (53.7"x28"x29.5")<br>(Knock down stand) |  |                          |                         |

\* Designs & specifications are subject to change without notice and obligation.  
\* Machine may be shown with some options.



# COSEN MACHINERY

The Most Valuable Band Saw  
for Utility Purpose



**COSEN MACHINERY**  
http: //www.cosen.com  
E-Mail: info@cosen.com

cat. no. manual-9807

## PRODUCT DESCRIPTION

The COSEN Metal Cutting Manual Band Saw has the manual vise and does have adjustable hydraulic descent feed (except MH-270M / MH-210M). It is an ideal tool for the small to medium machine shop, maintenance shop, metal fabricating shop, school and limited run production work. It is a great machine for cutting solids round, square, or rectangles, and tubing. Its Solid construction insures many years of reliable and accurate performance at a high level of production.

## EQUIPMENT

- Coolant system.
- Wire blade chip brush.
- Step variable blade speed.
- Adjustable material stopper.
- Swivel saw frame for miter cutting capability. (only for MH-270M/210M)
- Swivel vise for miter cutting capability. (only for MH-812LC/916JRP/1016JA)
- Scale to ease the measurement of saw arm opening. (only for MH-812LC/916JRP/1016JA)
- Hardened worm gear to prolong its service life.
- Carbide insert and bearing to enhance blade support.
- Operation manual and parts book.



MH-1016JA



MH-916JRP



Blade Guide  
(for MH-210M / MH-270M only)

MH-210M



## STANDARD FEATURES for MH-812LC/916JRP/1016JA

- GRAVITY FEED Saw frame falls under its own weight and the descent feed rate is controlled by a hydraulic cylinder that has an valve to be adjusted by the operator. This adjustment is important when you are cutting different types and sizes of material.
- CARBIDE GUIDE Precision ball bearing combined with carbide faced guides for better square cutting accuracy and stability.
- QUICK SET UP VISE Special designed vise adjustment for quick changes to suit different cutting degrees ranging from 0° ~ 45°.
- TRANSMISSION Equipped with the best Worm gear speed reducer to help extend saw blade life and allows the saw frame to make more accurate cuts and to cut faster. Worm shaft is hardened and ground, the 4 speed range guarantees trouble free drive.
- GUIDE ARM The saw has extremely heavy-duty cast iron guide arms and wheels.
- COOLANT SYSTEM The powerful coolant pump cools the blade and assists in chip removal.
- SAFETY DESIGN A broken blade tension device shuts down the machine if the blade breaks.



Reduction Gear Drive  
(for MH-210M / MH-270M only)

MH-270M

