

# WL-500FA1

HIGH-TECH MASS  
CUTTING SOLUTION



### Specifications 規格

Capacity	○ 500 mm □ 500 x 500 mm ▢ 500 x 600 mm.
Blade Size	41x 1.3 x6060mm
Blade Speed	30-105 MPM
Motor	7.5 HP
Table Height	830 mm
Single Stroke	700 mm (FA1)
Packing Size	3160 x 2300 x 2220 mm
N.W./G.W.	4200 KG / 4560 KG



# WL-500FA2

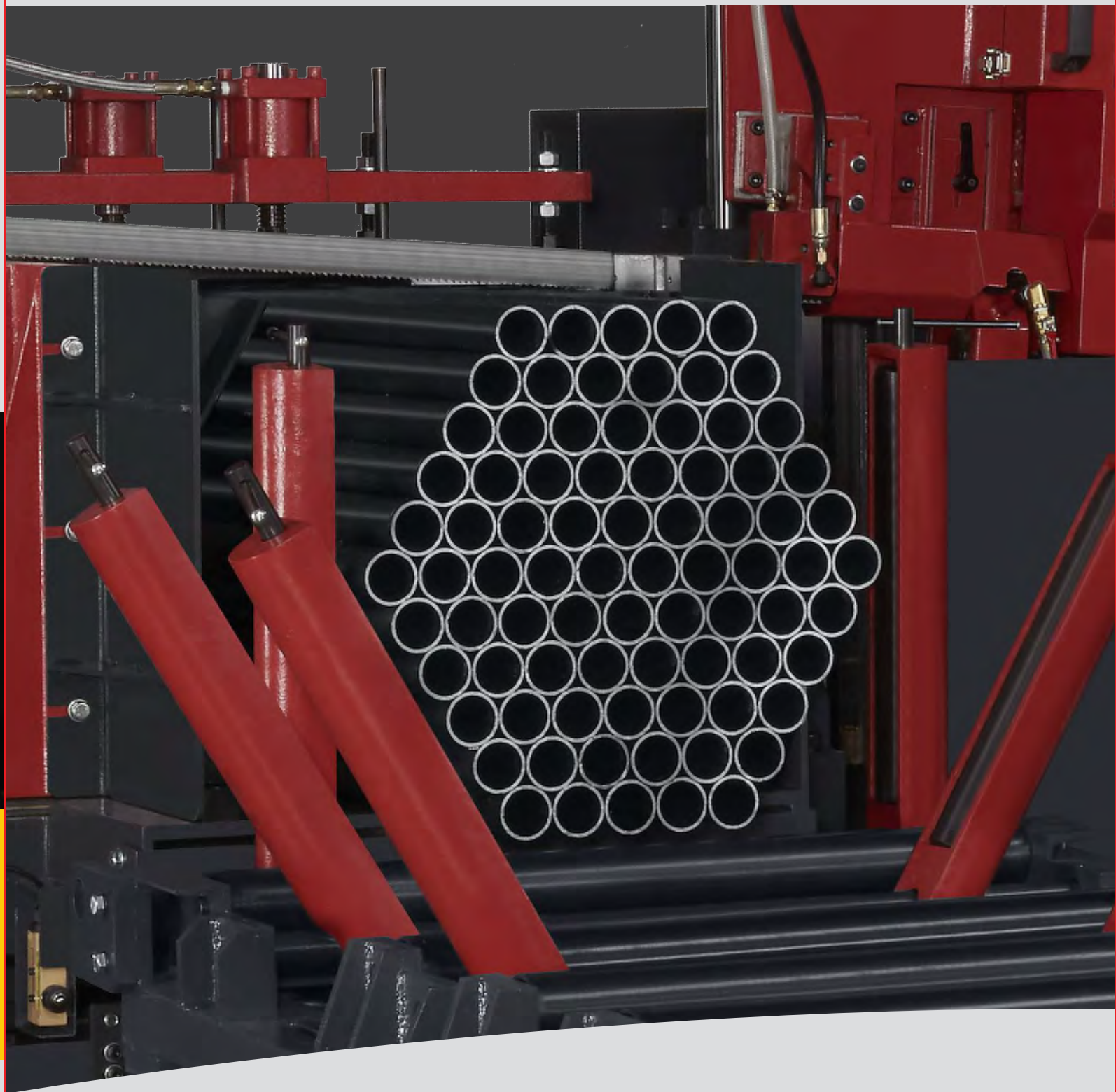
BUNDLE CUT SPECIALIST  
1.2M FEEDING STROKE

### Specifications 規格

Capacity	○ 500 mm □ 500 x 500 mm ▢ 500 x 600 mm.
Blade Size	41x 1.3 x6060mm
Blade Speed	30~105 MPM
Motor	7.5 HP
Table Height	830 mm
Single Stroke	1200mm (FA2)
Packing Size	3375 x 2065 x 2245 mm (Body) + 2180 x 1900 x 1805 mm (Feeding Roller)
N.W./G.W.	3750(Body) + 1200(Roller) / 4045(Body) + 1365(Roller) KGS

\* Portable Roller is optional

BUNDLE CUTTING SPECIALIST



# WL-500 FA1 & FA2

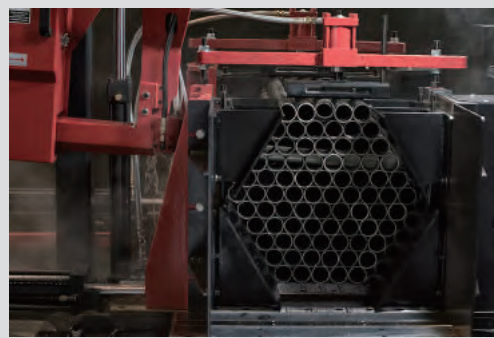
HIGH-TECH MASS  
CUTTING SOLUTION



**CNC**  
MACHINERY SALES AUSTRALIA



# WL-500 FA1 & FA2



## Specialist in Bundle Cutting

Special-designed bundle vise clamping can easily tighten the pipe without tail-welding, saving plenty of time for preparation.



## High positional accuracy Linear

When saw frame or feeding table is driven by a linear motion guideway, the static coefficient of friction is small. Therefore, there would be no slippage while the load is moving. Moreover, the linear guide is also easier to install or maintenance.



## Moisure Sprayer Lubrication

Heavy-duty bundle cutting rely on fresh lubricant to smooth cutting from critical pivot points. Spray lubrication system continuous flushing the saw blade to keep cutting smoothly and prevent lube water going everywhere.



## Servo Motor Feeding

Servomotors offer much faster and more accurate position than hydraulic and decoder.

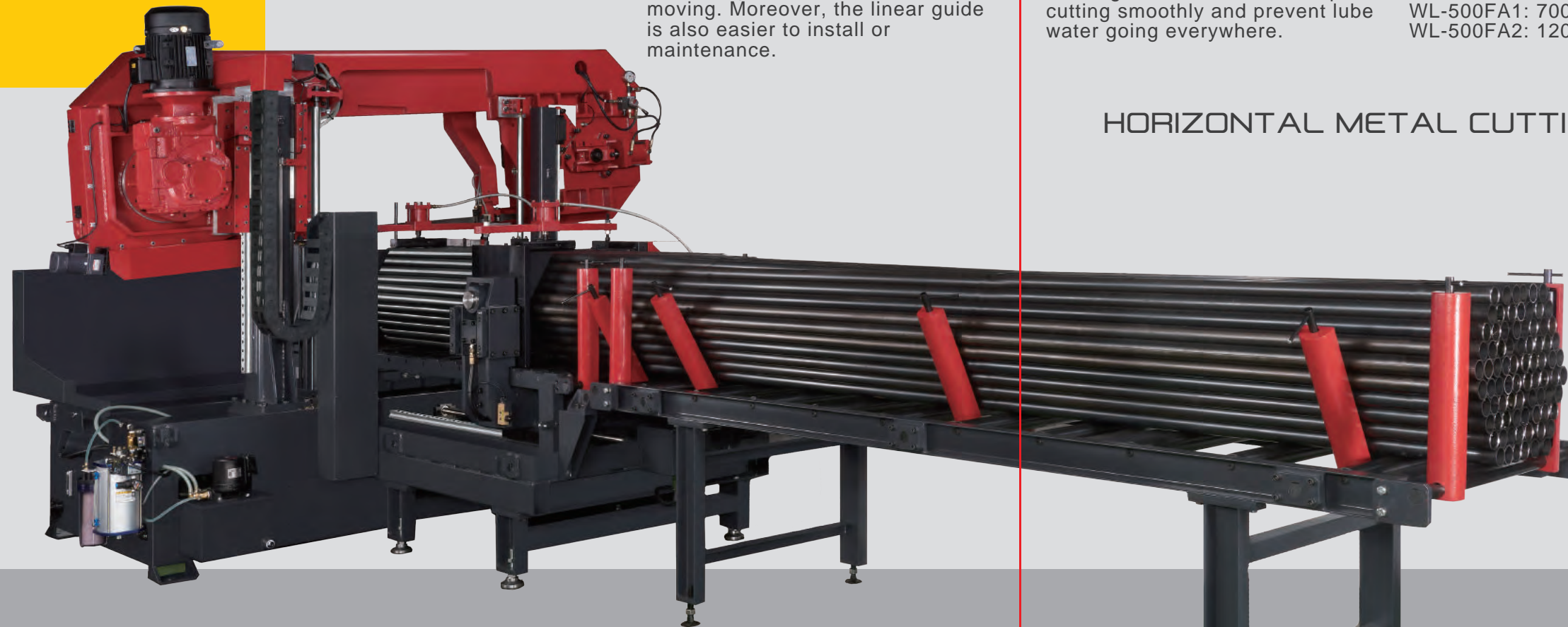
For one stroke feeding length:  
WL-500FA1: 700 mm  
WL-500FA2: 1200 mm



## Discharge Vise

WL-500 FA series have discharge vise, which can take material away from the workpiece before you tightening the pipes.

This design is not only protect your rising saw blade, but also help you to crane the pipes away.



## HORIZONTAL METAL CUTTING BAND SAW

Bundle cutting

**91** pipes / per time  
(48mm Φ)

FA1 **700** mm

FA2 **1200** mm  
one stroke cylinder

Specialize In Pipe  
Bundle Cutting

1. 鋸弓雙柱上升下降採用精準度高，重型工業級線性滑軌，降低鋸帶震動，鋸切精準並可延長鋸帶壽命。  
Double liners make saw frame cutting more stable` less vibration and prolong blade life.
2. 採用斜齒式減速機，效能高大扭力，整把管類鋸切時可以快速的完成鋸切。  
The helical gear reducer with high torque transmission make bundle cutting more fast and efficient.
3. 送料虎鉗採用伺服馬達，送料快速穩定，提升送料長度精準度。  
Feeding vise by servo motor makes feeding more precise and accuracy.
4. 人機控制面板可以設定10組不同尺寸鋸切，並設有故障自動顯示方便檢修。  
The HMI control panel system includes 10 preset settings and built-in error detection system.
5. 特殊虎鉗交叉模設計，專門鋸切打包好之菱形整捆鐵管，不需要再點焊，省下大量上下料時間，可以根據管類大小來更換模具，如有需要也可以更換為一般虎鉗方式。  
Specialize in pipe bundle cutting, the special designed clamping vise save plenty of time on welding and tying on pipes. The vise can be also changeable for different size of material.

6. 鋸切油壓進給設有速度閥調整與精密壓力閥，此特殊精密結構設計製造，可以自動調整進給效率。  
Saw bow down feed control by hydraulic precise valve.
7. 採用變頻鋸帶速度控制，自動鐵屑輸送裝置和動力鋼刷可完全清除鋸帶鐵屑。  
Blade speed control by motor inverter, chip cleaning by power brush and chip conveyor.
8. 磁性尺精密計算鋸弓升降高度，快速降至材料上方，並進入切削模式。  
Magnetic Scale provide high measurement accuracy to move the saw frame above the material efficiently.