

## Smart“S”Series

### S12plus/S16plus

Tiny tube fiber laser cutting machine



#### Small size solves big problems

- ✓ Perfectly addresses processing of pipes with a diameter of up to 120mm/160mm.
- ✓ Innovative automatic feeding and sorting system for small pipes.
- ✓ Speed – always a step ahead.
- ✓ Precision – always surpassing expectations.



#### Technical Parameters

Tube diameter range: round:  $\text{Ø}20\text{-}120\text{mm}$ (S12plus)/ $\text{Ø}20\text{-}160\text{mm}$ (S16plus)  
square:  $20\text{*}20\text{-}80\text{*}80\text{mm}$ (S12plus)  
 $20\text{*}20\text{-}110\text{*}110\text{mm}$ (S16plus)

Loading size:  $800\text{mm}\text{*}800\text{mm}\text{*}6200\text{mm}$

Laser power:  $1500\text{W}\sim 4000\text{W}$

Maximum positioning speed: X axis  $150\text{m}/\text{min}$  Y axis  $120\text{m}/\text{min}$

Maximum rotational speed:  $150\text{r}/\text{min}$

Positioning accuracy:  $0.05\text{mm}$

Repeat positioning accuracy:  $0.03\text{mm}$

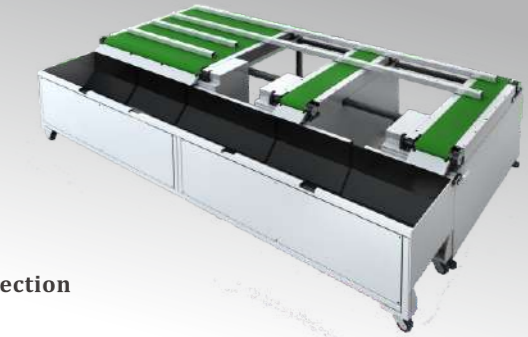
Maximum acceleration:  $1.5\text{g}$

#### Machine Details

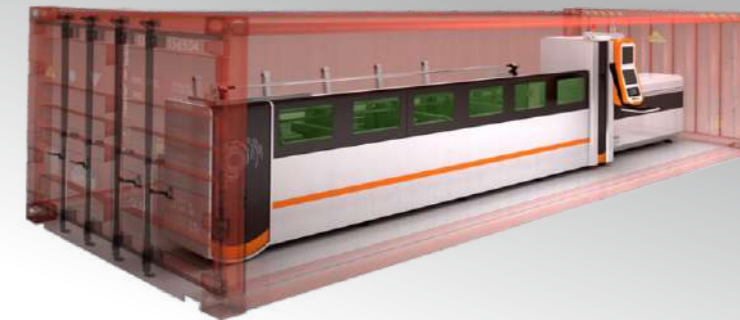
Patented small tube loader



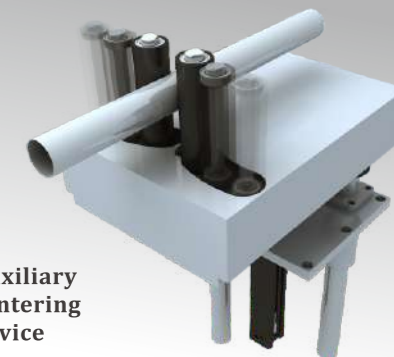
Conveyor collection



Small footprint



Auxiliary centering device



Full servo dynamic support

Perfect fit all kinds of pipes



Double row of jaws

Guarantee of accuracy

