



**OPERATING WATERBLASTING EQUIPMENT CAN BE POTENTIALLY HAZARDOUS.**  
SEE PAGE 121 FOR IMPORTANT SAFETY INFORMATION

# TUBE CLEANING

## RIGID LANCE MACHINE

StoneAge Rigid Lance Machines are the industry standard for both horizontal and vertical rigid lance cleaning of heat exchangers. These systems operate up to three rotary lances and provide more forward jet power than flex-lancing to clean difficult deposits. Fully remote operation increases safety by removing the operator from the splash-back area.

### FEATURES:

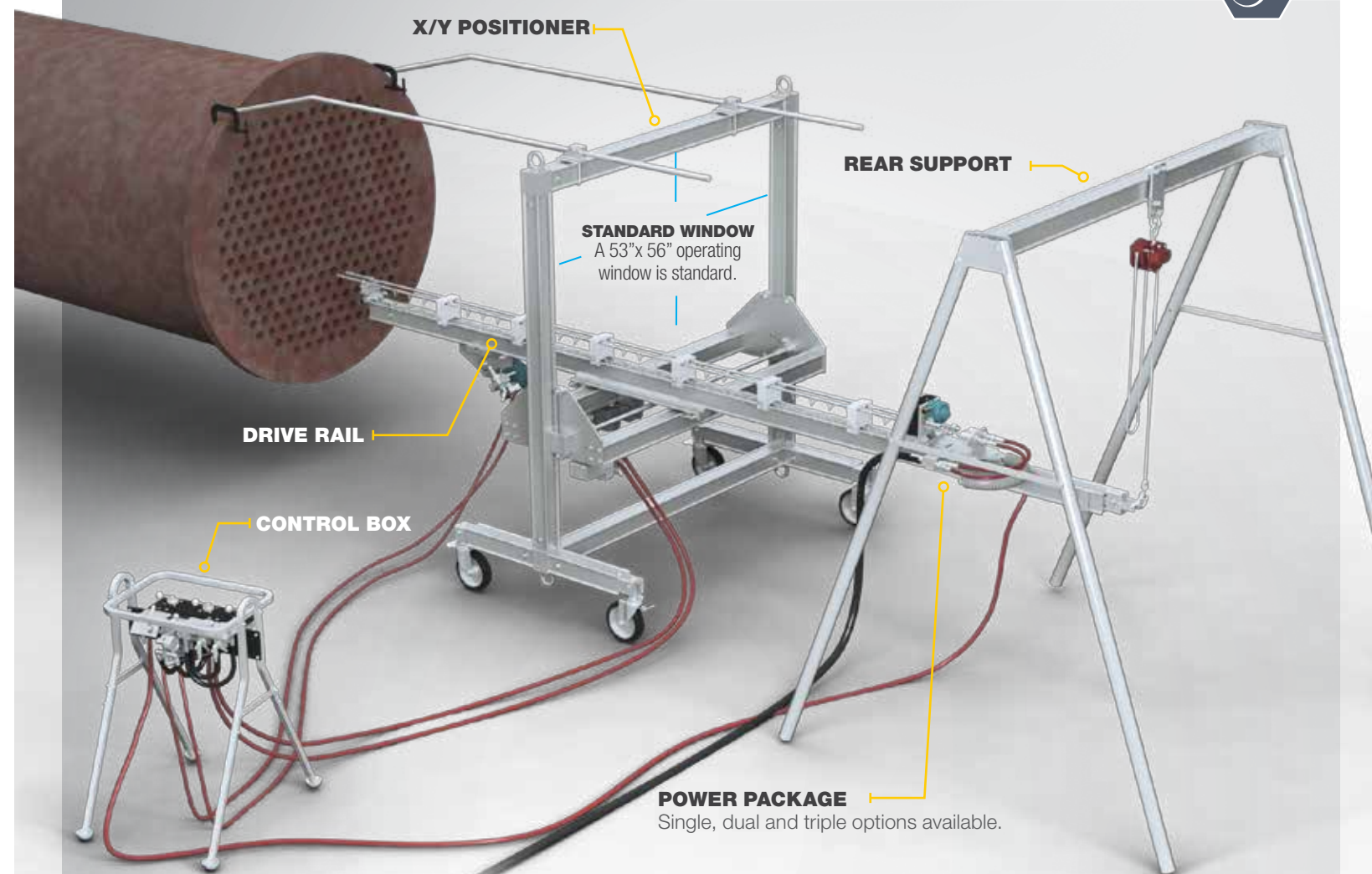
- Triple, dual, or single lance operation
- Adapts to any size bundle and can be configured for horizontal or vertical operations to maximize flexibility
- Operator is removed up to 25 ft (7.6m) away from the splash back area for increased safety
- Dual coil springs increase safety and stability of guide block
- Swivel wheels, jack stands, and rear supports provide extra stability and support in key points of the system
- Air or hydraulic powered

### IDEAL FOR:

- Clearing and unplugging vertical and horizontal bundles
- Cleaning and polishing evaporator tubes
- Removing thin, hard scale, carbons, coke, and polymers



Tool Model	Pressure Range	Flow Range	Max Rail Length	Feed Rate
BRLM	Up to 40k psi 2800 bar	Up to 60 gpm 227 l/min	60 ft 18 m	0.3-1.2 ft/s 0.1-0.37 m/min



**SINGLE ROTARY**  
15k, 22k & 40k psi (1000, 1500 & 2800 bar)

**DUAL ROTARY**  
15k, 22k & 40k psi (1000, 1500 & 2800 bar)

**TRIPLE ROTARY**  
15k, 22k & 40k psi (1000, 1500 & 2800 bar)



### SWIVEL WHEELS & JACK STANDS

There are several wheel kit and jack stand options available. Heavy-duty, locking swivel casters are standard equipment. Wheel kit options are not required for vertical lancing applications.