

# SHELL SIDE CLEANING

“ This equipment operates in the most difficult conditions predominantly on petrochemical refineries running consecutive shift patterns on time driven critical projects and performs consistently to a high standard without failure.

**ANDREW DOBSON**  
**VEOLIA**

## BUNDLE BLASTER™

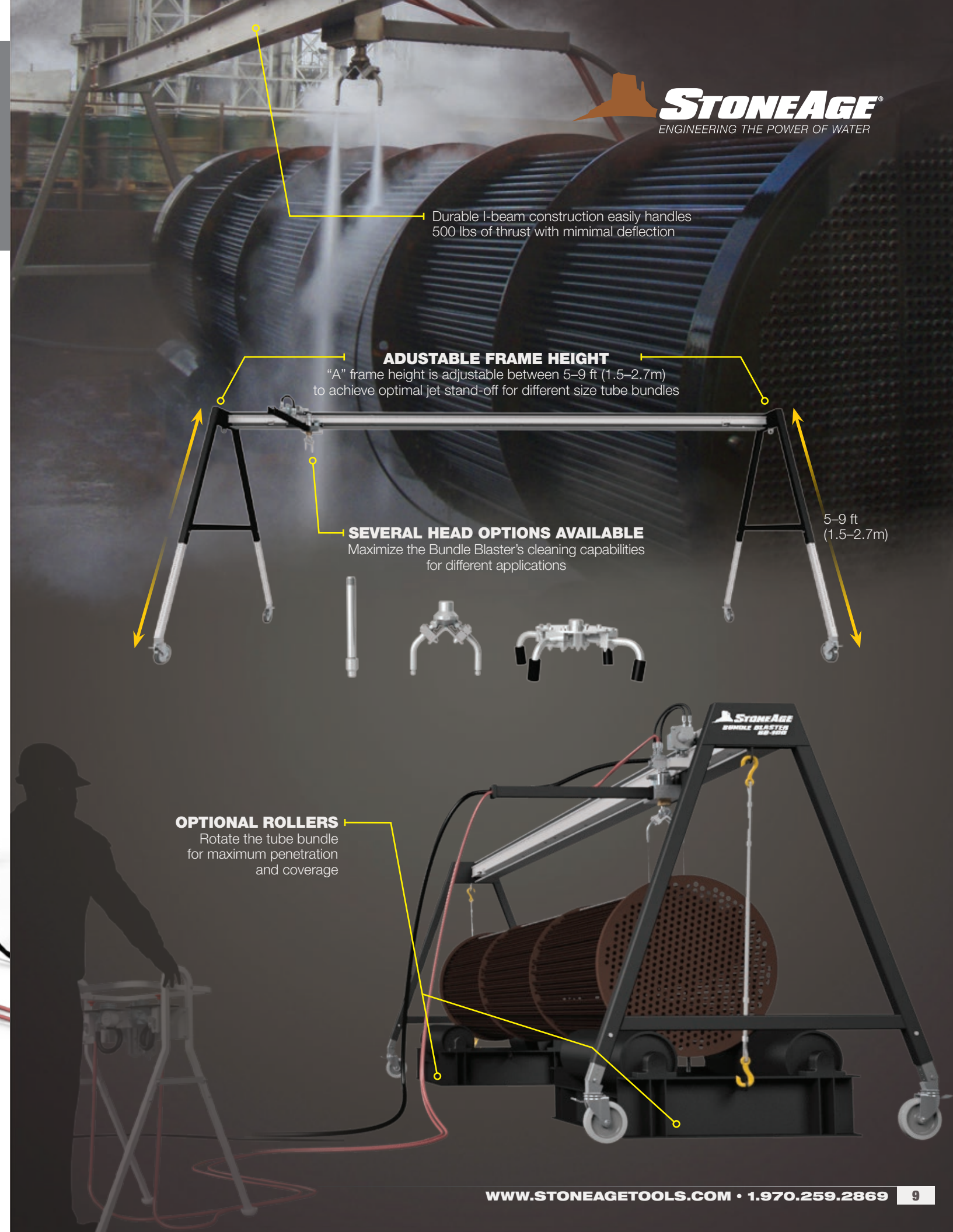
The StoneAge Bundle Blaster is a powerful and affordable automated solution for external or “shell side” cleaning of heat exchangers and tube bundles. This system is ideal for contractors and plants interested in low maintenance, portable and easy to use equipment. Significantly lower cost of ownership than large cab-type bundle cleaning equipment.

### FEATURES:

- Available in standard 24 ft (7.3m) and 36 ft (11m) lengths
- Adjustable “A” frames with locking wheels and anchor hooks
- Pneumatic or hydraulic packages available
- Can be adapted to a variety of pressures and flows for highest level of cleaning efficiency
- Match the stroke length to each tube bundle with simple auto-stops for efficient cleaning with no wasted time
- Rotation and traverse speed are independently adjustable using remote control panel
- The entire assembly is modular and can be taken apart with simple hand tools for transportation
- Easy and cost-effective to maintain



Tool Model	Pressure Range	Flow Range	Rotation Speed	Linear Speed	Power Supply	Rail Length
BB-100	Up to 40k psi 2800 bar	Up to 110gpm 416 l/m	50–1000 rpm	7–40 ft/min 2.1–12 m/min	Air or Hydraulic	24 ft and 36 ft 7.3 m and 11 m



**STONEAGE**  
ENGINEERING THE POWER OF WATER

Durable I-beam construction easily handles 500 lbs of thrust with minimal deflection

### ADJUSTABLE FRAME HEIGHT

“A” frame height is adjustable between 5–9 ft (1.5–2.7m) to achieve optimal jet stand-off for different size tube bundles

### SEVERAL HEAD OPTIONS AVAILABLE

Maximize the Bundle Blaster’s cleaning capabilities for different applications

5–9 ft  
(1.5–2.7m)

### OPTIONAL ROLLERS

Rotate the tube bundle for maximum penetration and coverage