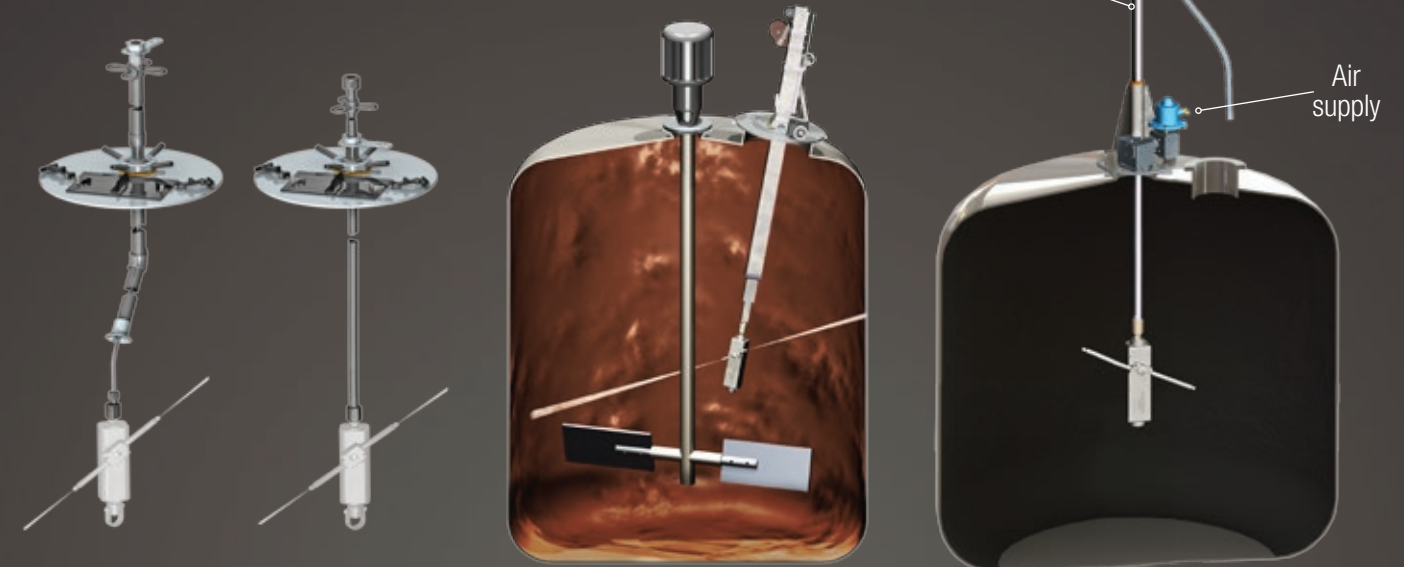




TANK & VESSEL CLEANING



PRIMARY USES FOR POSITIONING BOOMS



SIMPLEBOOMS

TELEBOOM

EB-BOOM (AIR-POWERED)

POSITIONING BOOMS

Large tanks and vessels can be among the most difficult cleaning challenges due to their size, limited access, and internal geometries. StoneAge offers several tools that keep the operator out of the tank. The most efficient means of cleaning is a 2-D tool moved along the axis of the vessel. This is not possible in most tanks due to central obstructions such as agitators. In these cases the simplest way is to use a 3-D tank cleaning tool.

The easiest method for using a 3-D tool is to hang it in the tank by the high pressure hose. Several types of positioners for 3-D tools allow you to place the tool closer to the surface to be cleaned and position the tool away from obstructions. Large diameter tanks that have an accessible center can effectively be cleaned using a 2-D rotating tool that is slowly raised or lowered with a hose tractor such as the ABX-500 to achieve complete coverage. Nipple extensions should be used when possible to ensure proper standoff distances.

TELEBOOM SPECIFICATIONS

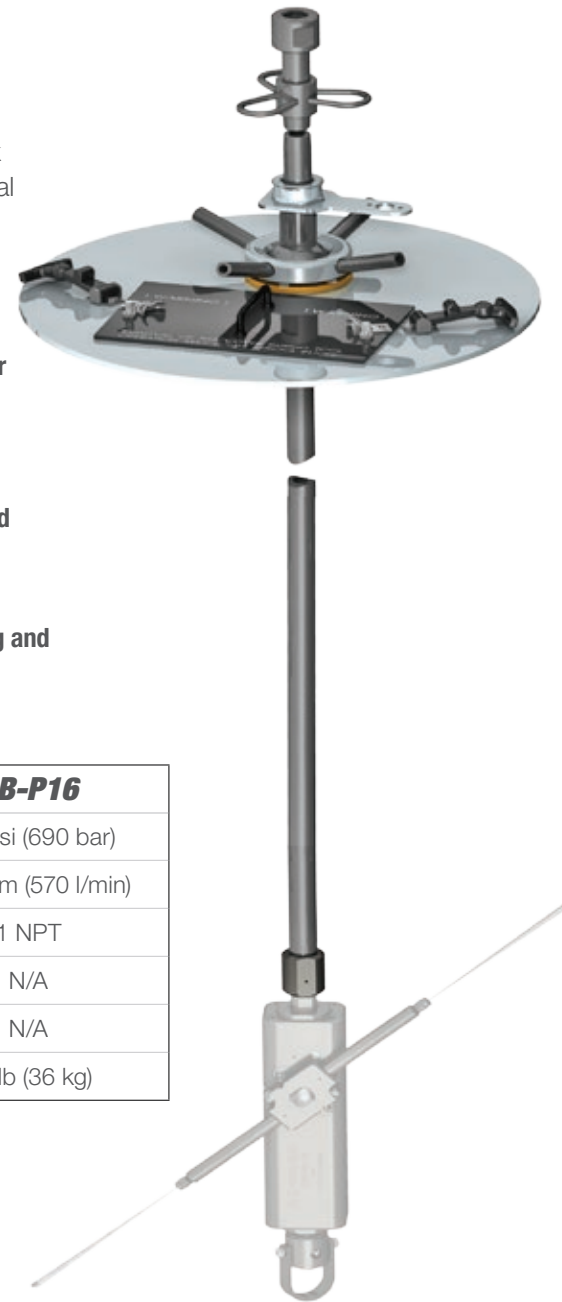
MODEL	TB-6-TR	TB-8-TR	TB-10-TR
Maximum Pressure	22k psi (1500 bar)	22k psi (1500 bar)	22k psi (1500 bar)
Maximum Flow	100 gpm (380 l/min)	100 gpm (380 l/min)	100 gpm (380 l/min)
Inlet Connections	3/4 NPT, 3/4 MP or M24	3/4 NPT, 3/4 MP or M24	3/4 NPT, 3/4 MP or M24
Maximum Hose ID	3/4 in. (19 mm)	3/4 in. (19 mm)	3/4 in. (19 mm)
Collapsed Length	6.5 ft (2.0 m)	8.5 ft (2.6 m)	10.5 ft (3.2 m)
Maximum Reach	13 ft (4.0 m)	19 ft (5.8 m)	25 ft (7.6 m)
Weight	120 lb (55 kg)	130 lb (59 kg)	140 lb (63 kg)

POSITIONING BOOMS

Positioners provide up to 19 ft (5.8 m) of reach for the Torus 3-D tank cleaner in addition to tilt and rotation adjustments. Intended for vertical or near vertical applications.

FEATURES:

- Easily adjustable extension/retraction lengths means the cleaning nozzle can be extended (or retracted) to a variety of insertion depths for better cleaning coverage
- 24 in. (61 cm) aluminum mounting plate secures to the vessel during cleaning operation, increasing operator safety
- Inspection hatch allows for line of sight placement of cleaning head and used to check cleaning progress
- Portable and easy setup; no special tools required to position head
- Control Box (optional) offers convenient controls for vertical positioning and linear speed



TORUS sold separately

SIMPLE BOOM SPECIFICATIONS

MODEL	SB-H	SB-P16
Maximum Pressure	N/A	10k psi (690 bar)
Maximum Flow	50 gpm (190 l/min)	150 gpm (570 l/min)
Inlet Connections	1/2 NPT or 1-12 "M"	1 NPT
Maximum Hose ID	0.5 in. (13 mm)	N/A
Maximum End Fitting	1.5 in. (38 mm)	N/A
Weight	80 lb (36 kg)	80 lb (36 kg)

EXTENSION BOOM SPECIFICATIONS

MODEL	EB-100
Maximum Pressure	12k psi (830 bar)
Linear Speed	8-45 in./min (0.2-1.1 m/min)
Maximum Stroke Length	12 ft (3.7 m)
Inlet Connection	3/4 NPT