



Pivoting Boom Arm
Technical Data

**TECHNICAL
INFORMATION**

PROJECT: _____
 LOCATION: _____
 ARCHITECT: _____
 ENGINEER: _____
 SALES ENGINEER: _____
 DATE: _____

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Page: OES-19

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BA & SB Pivoting Swivel Boom Extensions

The pivoting boom extension is designed as a one piece pivoting rigid extension. Many different accessories may be mounted directly on the end of the BA and SB boom. The BA and SB is supplied with a pivoting wall/column bracket constructed of a one piece die formed 5/16" industrial steel plate. The main horizontal boom section is of a truss type design using 1 1/2" and 2" heavy gauge tubular steel. The top and bottom horizontal sections are welded together in three locations using vertical tubular sections. The end of the BA and SB is supplied with a welded heavy gauge steel tear drop mounting plate.

This plate ring is pre-drilled to allow for the connection of many of the optional end accessories for easy and quick field assembly. The BA and SB extension boom is supplied with the hard duct supported on the top side of the boom by duct cradles. Flexible hose is supplied to connect the hard duct to the angle ring and also to make the connection at the mounting location of the boom to either a fan or to a duct branch leading to a central fan. The BA and SB boom is available in three lengths: 7', 10', and 13'. The duct diameter on top of the boom is a standard 6". Please consult factory for other diameters and applications. The BA and SB are supplied with an industrial grade gray powder coating for longevity.

PAC - Pivoting Articulating Crane Arm

The Pivoting Articulating Crane (PAC) is designed to allow the end of the crane and its accessories to be positioned at any point within its extended radius length. The PAC has a full pivoting wall/column bracket with a center pivoting joint, which allows the PAC to swivel, fold, and create a scissor effect at the center joint.

The wall/column mount bracket is constructed of a one piece, die formed, 5/16" industrial steel plate. The first section of the PAC horizontal extension is constructed of 2" x 3" tubular steel. The second section of the PAC horizontal extension is constructed of 1" x 3" tubular steel.

The two horizontal sections are joined together by grade 8 bolts and hardware to allow for easy and free movement of the two sections. The PAC is supplied with two hard duct sections that sit on duct cradles on the top side of each of the horizontal sections. The PAC is supplied with two sections of flexible hose. One flexible hose section connects the two hard duct sections at the middle pivot joint and the second flexible hose is for connection of the first hard duct section to either a fan inlet or to a hard duct branch leading to a central fan.

The PAC is supplied with the following lengths: 10', 15', and 20'. The PAC is supplied in the following diameters: 4", 5", 6", or 8". Larger diameters are available, please consult factory. The PAC is supplied with industrial grade black powder coating with yellow safety strips.