



Technical Data:
Pivoting Boom Arm

TECHNICAL INFORMATION

In the interest of continuing product improvement, we reserve the right to change models, specifications, and/or features without prejudice.

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

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BA & SB PIVOTING SWIVEL BOOM EXTENSION:

The pivoting boom extension is a one piece pivoting rigid extension. Many accessories can be mounted directly on the end of the BA & SB (Boom Arm & Swivel Boom).

The BA & SB are supplied with a pivoting wall/column bracket constructed of a one piece, die formed, 3/8" industrial steel plate. The horizontal boom is of a truss type design, using 2" x 2" and 4" x 2" heavy gauge tubular steel. The top and bottom horizontal sections are welded together using vertical tubular sections. The end of the BA & SB is supplied with a welded heavy gauge steel angle iron ring. This angle ring is pre-drilled to allow for the connection of many of the optional end accessories for easy and quick field assembly. The BA & SB extension 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 iron ring and also to make the connection at the mounting location of the boom to either a fan or a duct branch, which leads to a central fan.

The BA & SB boom is available in the following lengths: 7', 10', and 13'. The duct diameter on the top of the boom is a standard 6". Consult factory for other measurements and applications. The product is supplied with an industrial grade powder coating.

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, 3/8" industrial steel plate. The first section of the PAC horizontal extension is constructed of 4" x 2" tubular steel. The second section of the PAC horizontal extension is constructed of 4" x 2" tubular steel.

The two horizontal sections are joined together by graded 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.