



Self Supporting Dust Extraction Swing Arm

Typical Applications:

- . All welding processes
- . Grinding dusts and most airborne dusts
- . Polishing, painting, printing
- . Soldering fumes
- . Chemical applications such as Laboratories
- . Food and pharmaceutical

Dust Arm Features

- . Adjustments and supports on exterior
- . "Grab" handle all around the hood
- . Second handle for rotation on the tube
- . Air diverter in hood to increase capture velocity
- . Heavy duty 350 degree swivel with safety stop
- . Smooth tube construction for lowest pressure drop
- . Totally encapsulated lift assist spring
- . Heavy duty cast joints
- . Built-in shut off damper in every arm

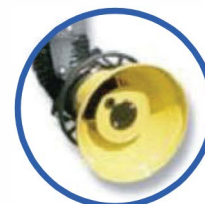
Hood and duct components also available in stainless



All External Joints and Supports



Standard Damper



Air Diverter and Grab Handle all around the Hood

Our Self Supporting Fume Arms provide the most economical and effective methods for the capture of fumes.

Contaminants are removed at their source. The use of self supporting joints, flexible hoses and smooth bore tubing allow for easy placement of the arm's hood near the source of the problem.

Fume arm tubes are fabricated steel with cast aluminum joints which include friction disc and are fully adjustable to the workers desired tension.

The arms include a handle which completely encircles the hood in order to facilitate easy repositioning from all sides. Hood diameters vary from 6" on the 3' arms, to 14" on the 8" arms. All hoods are equipped for installation of the optional light kit.

Our Self Supporting Fume Arms can be combined with several accessories to provide the best solution for a particular problem:

- . Swinging extension booms to increase reaches
- . Arms with a standing bench mountable flange
- . Fans or filtering systems
- . Brackets for wall hanging mount

MODEL NUMBER	Arm Reach	Arm Diameter	Available hood Diameter
2004026	3'	3"	4"
2004043	5'	3"	4"
2004044	5'	4"	8"
2004027	7'	4"	8"
2004028	8'	4"	8"
2004029	7'	6"	12"
2004030	10'	6"	12"
2004031	14'	6"	12"
2004032	7'	8"	14"
2004033	10'	8"	14"
2004034	14'	8"	14"

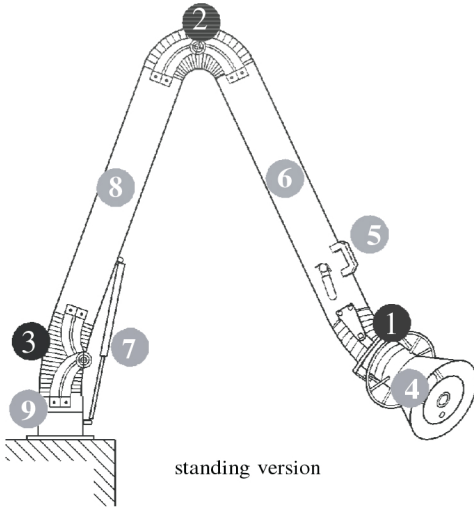
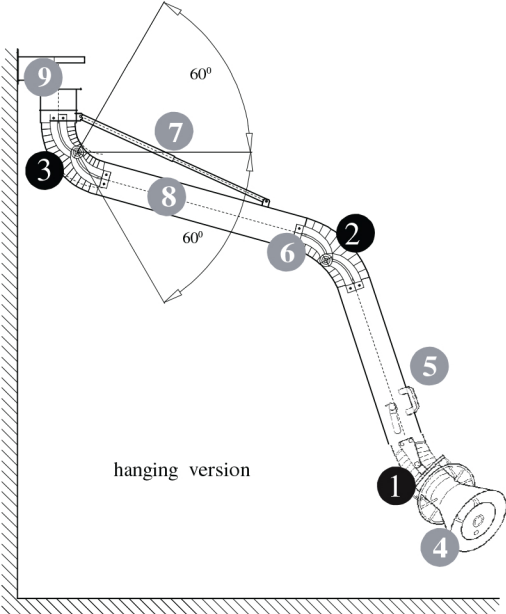
* Add suffix P to above model number to specify standing mounted
Add prefix SS to above model number to specify stainless steel

Self Supporting Dust Extraction Swing Arm Industrial Strength Construction

1 HOOD JOINT
Hood easy to move forward, backward and sideways. All external adjustments. Flexible hose with gear clamps.

2 MIDDLE JOINT
All external adjustments. Flexible hose with gear clamps.

3 SOCKET JOINT
Rotating swivel with safety stop. All external adjustments. Flexible hose with gear clamps.



4 Aluminium (powder coated) or stainless hood with surrounding grab handle, ready to be fitted with optional light kit.
5 Additional tube grab handle.

6 Smooth steel tube (powder coated or stainless) with standard damper.
7 Support spring or gas shock on the outside on both versions.
8 Smooth steel tube (powder coated or stainless).
9 Swivel base with predrilled mounting holes.

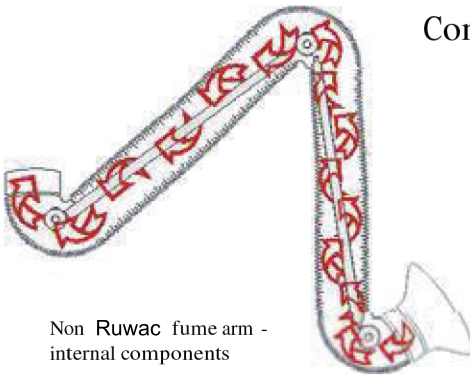
Swing Arm Options:

Hanging Fume Arm

Telescoping Fume Arm

Double Swing Boom with Fume Arm

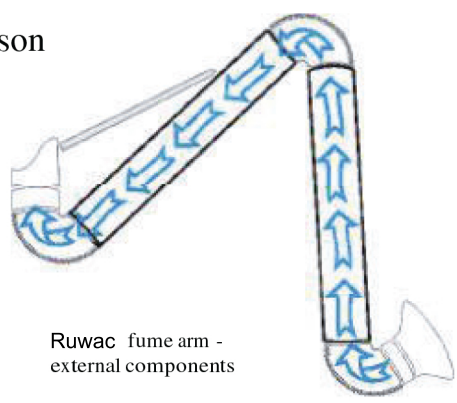
Rail with Fume Arm



Non Ruwac fume arm - internal components

- non smooth airflow
- higher static pressure
- hard to clean
- building on joint and components

Comparison



Ruwac fume arm - external components

- smooth airflow
- lower static pressure
- quick cleaning
- minimal build up

