EUROVAC

EXTENSION PIVOT BOOMS

IDEAL FOR ANCILLARY EQUIPMENT SUCH AS :

- Fume arms
- Hose reels
- Hose drops
- Welding Equipment

Need more reach for your existing or new source capture equipment ? Our extension pivot booms are the solution!

Source Capture Equipment and Dust Collector Manufacturer

Product Description:

Eurovac extension pivot booms in both regular and Econo versions will adapt perfectly to our fume arms, hose reels or hose drops with spring balancers. The regular Eurovac pivot boom is offered in single or double pivots version and up to 20' long while the Econo model is a budget minded economical single pivot system and up to 15' long. Spiral duct on either model ensures minimal static pressure and can sustain high temperatures when required. It is possible to have one exhaust fan per boom or single fan with multiple booms installation.

The all steel powder coat painted construction means the user will have years of service under demanding industrial conditions. Both models are available in 6'' and 8'' diameters and the special pivoting system design ensures the lateral movements of the booms will be smooth and stable.

Features Include:

- Spiral duct to minimize friction loss and static pressure
- Rugged boom base for direct fan mount (regular type only)
- Easy installation
- All steel construction, powder coat paint protection
- Industrial grade flexible hose (high temperature hose available for booms equipped with hose reels or hose drops)
- Smooth lateral movement
- Pull rod for level adjustment (regular type only)
- Duct connection flange included (regular type only)
- Long lasting friction disks
- Minimal field assembly required

Typical Applications:

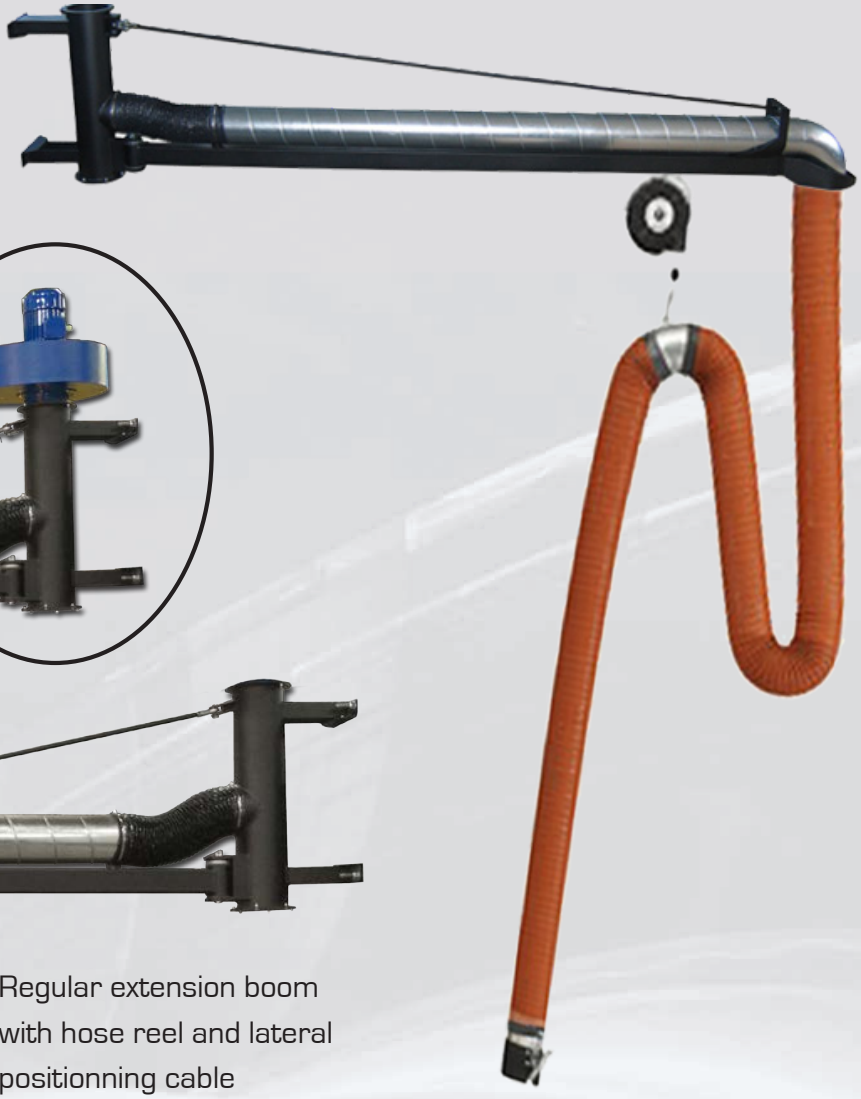
- All welding processes with fume arms
- Large trucks maintenance facilities
- Easier access around obstacles (double pivot version)
- Wide open space shops and plants
- Movement of pivot boom over fixed machinery

Optional accessories to provide the best solution for a particular problem include:

- Pull cable and grab handle (for booms equipped with hose reels or hose drops)
- High or extreme temperature flexible hoses at pivots
- Stainless steel exhaust duct on horizontal beam
- Support bracket for hose reel mount
- Support plate for shop welding equipment
- Direct mount exhaust fans
- Fume arms
- Hose reels or hose drops

Typical designs and usage with Eurovac extension pivot booms

Regular extension boom with hose drop and spring balancer



Direct fan mount with companion flange

Regular extension boom with hose reel and lateral positionning cable

Econo model swing boom with fume arm

Econo model for budget applications

Note : Eurovac reserves the right to modify the equipment without notice in order to improve quality or conception.

TECHNICAL INFORMATION

Econo model (single pivot only)

Model number	Diameter	Length	Weight Lbs/Kg	Model number	Diameter	Length	Weight Lbs/Kg
SYS-WEL-SP60500E	6" / 160mm	5' / 1.6m	120 / 45	SYS-WEL-SP80500E	8" / 200mm	5' / 1,6m	135 / 62
SYS-WEL-SP61000E	6" / 160mm	10' / 3.3m	140 / 63	SYS-WEL-SP81000E	8" / 200mm	10' / 3.3m	155 / 70
SYS-WEL-SP61500E	6" / 160mm	15' / 4.6m	165 / 75	SYS-WEL-SP81500E	8" / 200mm	15' / 4,6m	180 / 82

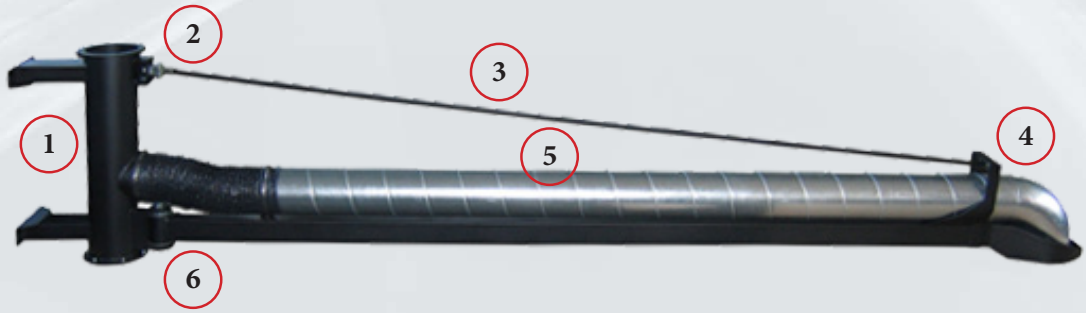
Regular model (single pivot)

Model number	Dia.	Length	Weight Lbs/Kg	Model number	Diameter	Length	Weight Lbs/Kg
SYS-WEL-SP605000	6" / 160mm	5' / 1.6m	130 / 60	SYS-WEL-SP805000	8" / 200mm	5' / 1,6m	210 / 95
SYS-WEL-SP610000	6" / 160mm	10' / 3.3m	160 / 72	SYS-WEL-SP810000	8" / 200mm	10' / 3.3m	235 / 106
SYS-WEL-SP615000	6" / 160mm	15' / 4.6m	188 / 85	SYS-WEL-SP815000	8" / 200mm	15' / 4,6m	265 / 120
SYS-WEL-SP620000	6" / 160mm	20' / 6.2m	215 / 97	SYS-WEL-SP820000	8" / 200mm	20' / 6.2m	290 / 131

Regular model (double pivot)

Model number	Dia.	Total length 1st pivot + 2nd pivot	Weight Lbs/Kg	Model number	Dia.	Total length 1st pivot + 2nd pivot	Weight Lbs/Kg
SYS-WEL-DP606040	6" / 160mm	6' + 4' = 10' (1.9M + 1.2 = 3.3M)	185 / 84	SYS-WEL-DP810000	8" / 200mm	6' + 4' = 10' (1.9M + 1.2M = 3.3M)	260 / 118
SYS-WEL-DP615000	6" / 160mm	10' + 5' = 15' (3.1M + 1.5M = 4.6M)	215 / 97	SYS-WEL-DP815000	8" / 200mm	10' + 5' = 15' (3.1M + 1.5M = 4.6M)	295 / 135
SYS-WEL-DP619500	6" / 160mm	14' + 6' = 20' (4.3M+1.9M = 6.1M)	240 / 110	SYS-WEL-DP819500	8" / 200mm	14' + 6' = 20' (4.3M+1.9M = 6.1M)	325 / 147

EUROVAC regular boom important features :



1. Fully welded steel construction
2. Industrial grade tie rod end
3. Pull rod to ensure stability
4. Adjustable threaded end with fasteners
5. Spiral duct for minimal static pressure
6. Heavy duty bushing pivot system

Note : Refer to local building and electrical codes and requirements prior to installing the equipment.

Note on weights indicated : Allow 5 to 10% difference for structural integrity. Weights indicated do not include optional equipment.

Printed in Canada

Document: Eurovac.extension pivot booms.1.2016

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