



Businesses devote a lot of energy to the creation of a satisfactory working environment. One of the main factors defining the continuity of operations is the provision of safe and healthy working conditions.

Fortunately, technological developments provide increasingly better options to convert this concern into suitable and practical solutions. This is also aimed at preventing the damaging consequences caused by the inhalation of welding fumes. The Euromate Pro Line welding fume extraction range is based on innovative, up to date technology. Using the various components in the range a suitable welding fume extraction method can be devised for any type of welding area.



EXTRACTION ARMS
EXTENSION CRANES
FANS



FLEX EXTRACTION ARMS

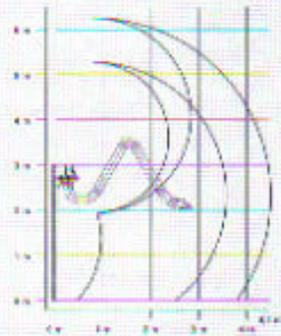


With its excellent price/performance ratio the Euromate Flex arm offers an attractive solution for a wide range of welding areas.

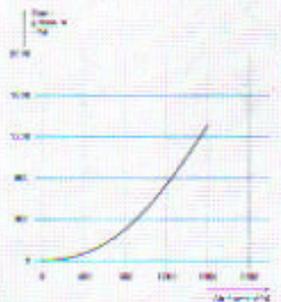
The arm consists of two fixed, impact resistant synthetic components, with the EasyLift® system incorporated in the hinges. The Euromate Flex arm is available in lengths of 3 and 4 metres.



Reach Flex 3 and 4



Pressure drop Flex 3 and 4



Flex specifications

- Impact resistant synthetic material
- Actual tube diameter 203 mm
- EasyLift® friction unlocking
- RotaHood® extraction hood with standard throttle valve
- FAN 28 fan
- Extraction capacity 600 – 1800 m³/h
- Arm length 3 or 4 metres
- Working light in extraction hood (optional)
- Automatic start/stop switching (optional)

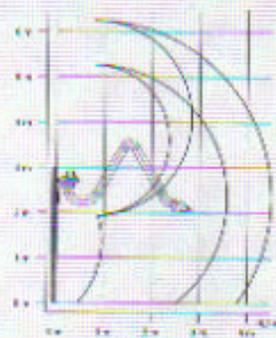
ULTRAFLEX EXTRACTION ARMS



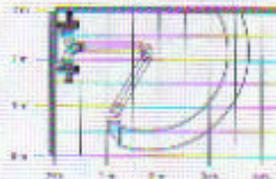
The Euromate UltraFlex offers essential ease of operation during welding operations whereby the position of the extraction arm has to be frequently adjusted. The BalanceWheel® system keeps maintenance to a minimum and immediately converts each manual adjustment to the arm into a stable extraction position. The UltraFlex is supplied in lengths of 3 or 4 metres. The longer version is also available in a special LowCeiling version.



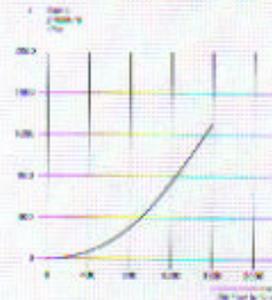
Reach UltraFlex 3 and 4



Reach UltraFlex 4-LowCeiling



Pressure drop UltraFlex 3 and 4 and UltraFlex 4-LowCeiling



UltraFlex specifications

- Impact resistant synthetic material
- Actual tube diameter 203 mm
- BalanceWheel® balancing technology
- RoteHood® extraction hood with standard throttle valve
- FAN 28 fan
- Extraction capacity 600 - 1600 m³/h
- Arm length 3 or 4 metres
- Working light in extraction Hood (optional)
- Automatic start/stop switching (optional)

NEC EXTENSION CRANES

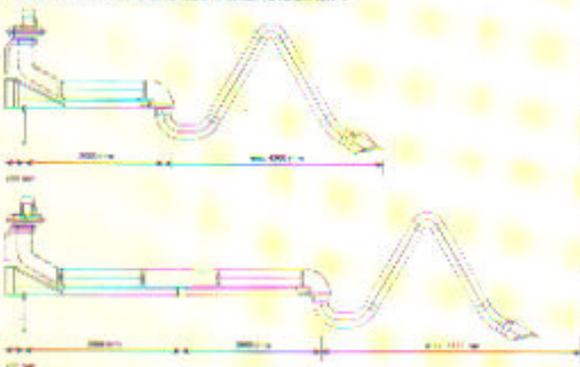


The reach of the Flex and Ultraflex extraction arms is considerably increased when using an NEC 2 (lengths 2 metres) or NEC 4 (length 4 metres) extension cranes. The latter is equipped with an additional hinge, so that virtually all positions within the operating area are easily accessible. The extension cranes are supplied as standard with the HandyStop® system, which will quickly lock the horizontal movement of the crane in a previously selected position.

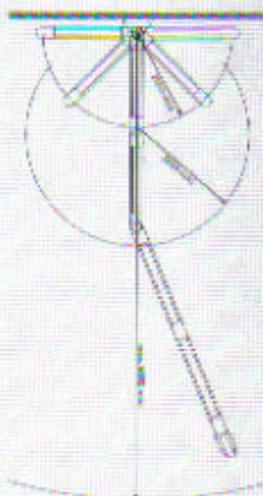
The HandyStop® system



Reach of the NEC 2 and NEC 4 with UltraFlex 4



Reach NEC 2 and NEC 4



NEC specifications

- Impact resistant synthetic material
- Actual tube diameter 203 mm
- Extension 2 or 4 metres; (with a 4 metre arm maximum 8 metres working length)
- HandyStop® locking system
- Rail set for welding equipment (optional)

EXTRACTION FANS



FAN 14/28 and NMB



FAN 55



FAN 80

By fitting individual fans to each extraction arm, optimum extraction is guaranteed and the units can easily be repositioned in the event of a working area being refurbished. The low noise FAN 14 has been specially developed for use with a T-Flex telescopic arm without filter system. With other applications more than sufficient extraction capacity is available with the FAN 28. The FAN 55 and FAN 80 are centrally positioned, with maximum four or six arms respectively.

FAN 14

- Motor power consumption 0.55 kW
- Motor speed 1400 rpm
- Max. noise level 58 dB(A)
- Unrestricted air flow 1400 m³/h
- Weight 14 kg

FAN 55

- Motor power consumption 1.5 kW
- Motor speed 2600 rpm
- Max. noise level 74 dB(A)
- Unrestricted air flow 5500 m³/h
- Weight 41 kg

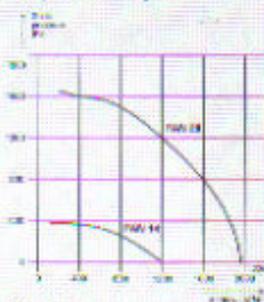
FAN 28

- Motor power consumption 0.75 kW
- Motor speed 2800 rpm
- Max. noise level 69 dB(A)
- Unrestricted air flow 2400 m³/h
- Weight 15 kg

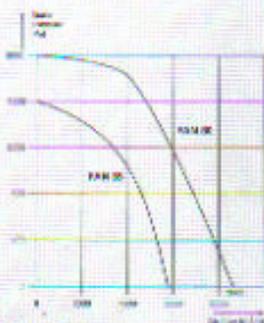
FAN 80

- Motor power consumption 3.0 kW
- Motor speed 2800 rpm
- Max. noise level 78 dB(A)
- Unrestricted air flow 8000 m³/h
- Weight 76 kg

Fan pressure drop



FAN 14/28



FAN 55/80

Modern technology: the heart of the Euromate Pro Line range



RotaHood*



EasyLift



BalanceWheel*

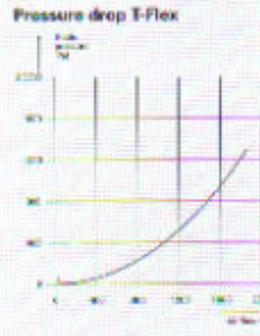
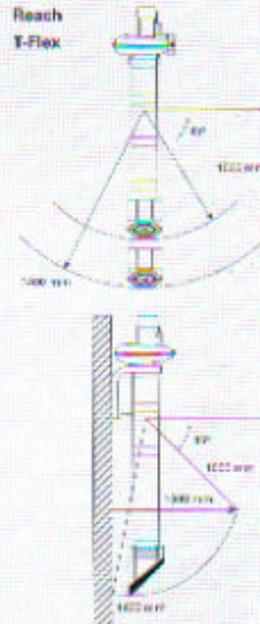
The RotaHood* system ensures that the extraction hood is in optimum position for every position of the extraction arm. The welding point remains clearly visible whilst the fumes are effectively extracted. This extraction hood has been fitted with a throttle valve as standard, whereas the working light and automatic start/stop switching are optional.

The EasyLift* system, incorporated in the hinges of the Pro Line extraction arms, will release the friction lock as soon as the arm is raised. This results in improved ease of operation when repositioning the extraction arm.

The BalanceWheel* system is based on a technique whereby the pressure and tensile forces in the entire extraction arm are distributed, so that the arm is fixed immediately in every position. This makes the operation very easy, thereby making the system more user friendly when the extraction arm has to be moved frequently during operations. The balance structure also ensures that the arm is virtually maintenance free.

T-FLEX EXTRACTION ARMS

The Euromate T-Flex telescopic extraction arm is an extremely economical solution for use on workbenches and in small, fixed working areas, e.g. in welding schools and maintenance workshops. In situations where no filter is required, i.e. incidental welding operations and fume extraction to outside, the T-Flex can easily be combined with the low noise FAN 14 fan. If a filter is required, the T-Flex is combined with the FAN 28 fan. The extraction performance is the same for both combinations.



T-Flex specifications

- Impact resistant synthetic material
- Actual tube diameter 203 mm
- EasyLift* friction unlatching
- RotaHood* extraction hood with standard throttle valve
- FAN 14 or FAN 28 fan
- Extraction capacity 630-1600 m³/h
- Working light in extraction hood (optional)
- Automatic start/stop switching (optional)



Service

Euromate suppliers have wide ranging technical (welding) know-how and meet the strict Euromate training requirements. Where necessary they can refer back to Euromate's long term information, experience. Together with other data, the nature of the welding operations, the welding processes used, the applicable legislation and the annual use of consumables are the basis for professional and expert advice, combined with practical and personal service.

Euromate B.V.

Winkelkoog 11
1822 BL Alkmaar - Holland
Tel. +31 72 5640634
Fax +31 72 5644489
E-mail: info@euromate.nl
Internet: www.euromate.com

Lucomex B.V.

Ambachtsweg 7
4854 MK Savel-Sreda - Holland
Tel. +31 161 438410
Fax +31 161 438430
E-mail: info@lucome.nl
Internet: www.lucome.nl

Euromate GmbH

Siemensring 44 I
47877 Willich - Germany
Tel. +49 2154 4954110
Fax +49 2154 4994120
E-mail: info@euromate.de
Internet: www.euromate.de

Euromate bvba

Boomssesteenweg 496
2810 Wilrijk-Antwerp - Belgium
Tel. +32 3 7403000
Fax +32 3 7442642
E-mail: info@euromate.be
Internet: www.euromate.be

Which solution?

T-Flex	Telescopic arm Reach 1.4 metres	Work benches, small working areas
Flex	Flexible arm Reach 3 or 4 metres Easy/light operation	For low to standard number of position changes
UltraFlex	Flexible arm Reach 3 or 4 metres Very easy/light operation Virtually maintenance free	For standard to high number of position changes
NEC	Extension crane Reach max. 8 metres To be used in combination with Flex or UltraFlex arm	Operating areas requiring extensive reach
FAN 14	Individual fan	Central fans in combination with T-Flex, no filter
FAN 28	Individual fan	All configurations
FAN 55/80	Central fans	Extraction systems with electrostatic filter or without filter



Why Euromate?

- Attractive price/performance ratio
- Innovative and reliable technology
- Comprehensive product programme
- ISO 9002 quality guarantee
- Professional advice for tailor made solutions
- Fast and reliable service