

FLEXMAX™

EXTENSION CRANE

Extension crane for connection of an extraction arm type KUA or EconomyArm.

The crane consists of a frame with a metal tube with a maximum reach of 4,5 m. The wall hinge provides utmost flexibility.

The crane is provided with hooks for the suspension of e.g. a wire feeder, cables and tools.



APPLICATIONS

The FlexMax is intended to be used for the following applications:

- MIG-MAG/GMAW welding
- TIG welding
- FCAW welding
- stick/MMAW welding



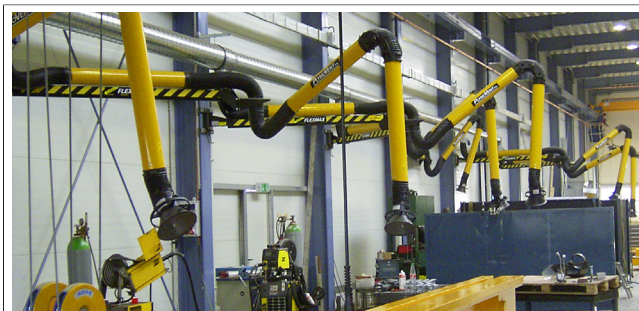
SPECIFICATIONS

Physical dimensions and properties	
Colour:	
• tubes	• yellow RAL 1004
• hoses	• black
Installation height FlexMax +	
• 2 m arm	• 2,0-3,0 m (6.6-9.8 ft)
• 3 m arm	• 2,0-4,0 m (6.6-13.1 ft)
• 4 m arm	• 2,5-5,0 m (8.2-16.4 ft)
Weight capacity for suspension of tools etc.	max. 50 kg (110 lbs.)
Ambient and process conditions	
Process temperature:	
• min.	• 5°C (41°F)
• nom.	• 20°C (68°F)
• max.	• 70°C (158°F)
Max. relative humidity	90%
Outdoor use allowed	no
Storage conditions	• 5-45°C (41-113°F) • relative humidity max. 90%
Scope of supply	
• Mounting plate • Support arm • Hose and tube set • Mounting bracket for arm connection • Connection material	
Order information	
Number/package	1
Shipping data	
Harmonized Tariff Code	84219990

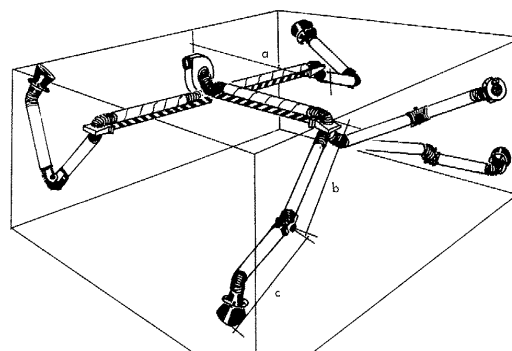
FEATURES & BENEFITS



The FlexMax can be mounted in areas with a low ceiling (min. mounting height 2 m / 6.6 ft)



Suitable for heavy duty



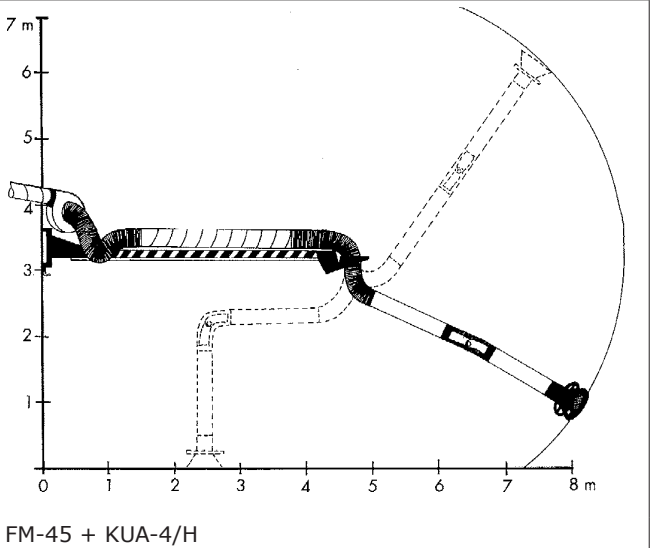
Covers large working area

Remaining specifications

Type	FlexMax-15/160	FlexMax-25/160	FlexMax-35/160	FlexMax-45/160	
■ Physical dimensions and properties					
Length	1550 mm (61 in.)	2550 mm (100 in.)	3550 mm (140 in.)	4550 mm (179 in.)	
Cross section (support arm)	W = 50 mm (2 in.) H = 80 mm (3.1 in.)	W = 50 mm (2 in.) H = 80 mm (3.1 in.)	W = 50 mm (2 in.) H = 100 mm (3.9 in.)	W = 50 mm (2 in.) H = 100 mm (3.9 in.)	
Diameter (hoses + tubes)	Ø 160 mm (6.3 in.)	Ø 160 mm (6.3 in.)	Ø 160 mm (6.3 in.)	Ø 160 mm (6.3 in.)	
Weight (net)	28 kg (62 lbs)	40 kg (88 lbs)	61 kg (134 lbs)	73 kg (161 lbs)	
■ Performance					
Recommended airflow	800-1200 m³/h (470-710 cfm)				
■ Product combinations					
Metal tube arm (KUA)	KUA-160/2H KUA-160/3H KUA-160/4H				
Hose tube arm (EconomyArm)	EA-2/H EA-3/H EA-4/H				
Extraction fan (FUA)	FUA-1800 FUA-2100				
■ Order information					
Art. no.	0000101245	0000101247	0000101249	0000101250	
■ Shipping data					
Gross weight:	• box 1 • box 2	29 kg (64 lbs) 8 kg (18 lbs)	46 kg (101 lbs) 11 kg (24 lbs)	69 kg (152 lbs) 14 kg (31 lbs)	77 kg (170 lbs) 16 kg (35 lbs)
Packing dimensions:	• box 1 • box 2	164 x 34 x 24 cm (65 x 13 x 9 in.) 68 x 42 x 28 cm (27 x 17 x 11 in.)	276 x 34 x 24 cm (109 x 13 x 9 in.) 158 x 39 x 21 cm (62 x 15 x 8 in.)	379 x 34 x 24 cm (149 x 13 x 9 in.) 257 x 39 x 21 cm (101 x 15 x 8 in.)	480 x 34 x 24 cm (189 x 13 x 9 in.) 214 x 39 x 21 cm (84 x 15 x 8 in.)

Type	FlexMax-15/200	FlexMax-25/200	FlexMax-35/200	FlexMax-45/200	
■ Physical dimensions and properties					
Length	1550 mm (61 in.)	2550 mm (100 in.)	3550 mm (140 in.)	4550 mm (179 in.)	
Cross section (support arm)	W = 50 mm (2 in.) H = 80 mm (3.1 in.)	W = 50 mm (2 in.) H = 80 mm (3.1 in.)	W = 50 mm (2 in.) H = 100 mm (3.9 in.)	W = 50 mm (2 in.) H = 100 mm (3.9 in.)	
Diameter (hoses + tubes)	Ø 200 mm (7.9 in.)	Ø 200 mm (7.9 in.)	Ø 200 mm (7.9 in.)	Ø 200 mm (7.9 in.)	
Weight (net)	30 kg (66 lbs)	43 kg (95 lbs)	65 kg (143 lbs)	78 kg (172 lbs)	
■ Performance					
Recommended airflow	1200-1600 m³/h (710-940 cfm)				
■ Product combinations					
Metal tube arm (KUA)	KUA-200/3H KUA-200/4H				
Extraction fan (FUA)	FUA-1800 FUA-2100 FUA-3000				
■ Order information					
Art. no.	0000112879	0000112880	0000112881	0000112882	
■ Shipping data					
Gross weight:	• box 1 • box 2	29 kg (64 lbs) 10 kg (22 lbs)	46 kg (101 lbs) 15 kg (33 lbs)	69 kg (152 lbs) 20 kg (44 lbs)	77 kg (170 lbs) 25 kg (55 lbs)
Packing dimensions:	• box 1 • box 2	164 x 34 x 24 cm (65 x 13 x 9 in.)	276 x 34 x 24 cm (109 x 13 x 9 in.)	379 x 34 x 24 cm (149 x 13 x 9 in.)	480 x 34 x 24 cm (189 x 13 x 9 in.)

WORKING REACH (example)



Application restrictions
Do **not** use the product for the following applications or in the following circumstances: polishing applications in combination with grinding, welding or any other application that generate sparks (fibres from polishing or abrasive flap disks are highly flammable and pose a high risk of filter fires when exposed to sparks) | aluminium laser cutting | oil mist | heavy oil mist in welding fume | arc-air gouging | extraction of aggressive fumes and gases (e.g. from acids, from alkaline, from soldering paste containing lithium) | extraction of hot gases (more than 70°C/158°F continuously) | grinding aluminum and magnesium | flame spraying | extraction of cement, saw dust, wood dust etc. | sucking cigarettes, cigars, oiled tissues and other burning particles, objects and acids | explosive environments or explosive substances/gases

Product type	FlexMax
Article no.	refer to Order information
Product category	extension cranes
Version	100718/B
Always check the latest version on www.plymovent.com	