PLYMOVENT®
clean air at work

NEC-2

EXTENSION CRANE

The NEC-2 is a wall-mounted extension crane. It is used to extend the reach of an extraction arm to cover very large and/or multiple work areas.

The NEC-2 is provided with the *HandyStop* system to lock the base in the desired position (5 possibilities).



Scheda tecnica

APPLICATIONS

The NEC-2 is intended to be used for the following applications: • MIG-MAG/GMAW welding • TIG welding • FCAW welding • stick/MMAW welding
Do **not** use the NEC-2 for the following applications or in the following circumstances: • arc-air gouging • aluminium laser cutting • extraction of aggressive fumes and gases (e.g. from acids, from alkaline, from soldering paste containing lithium) • extraction of hot gases (more than 45°C/113°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

SPECIFICATIONS

■ **Physical dimensions and properties**	
Length	2 m (6.5 ft)
Diameter	203 mm (8 in.)
Material: • tubes • hoses • base • Wall bracket	 • polypropylene copolymere with UV stabilization • PVC with metal springs • steel • galvanized steel
Max. temperature (continuously): • tubes • hoses	 • 80°C (176°F) • 80°C (176°F)
Colour: • tubes • hoses • base	 • yellow RAL 1028 • grey RAL 7024 • black RAL 9005
Max. load	50 kg (110 lbs)
Weight (net)	37,8 kg (83.3 lbs)

■ **Ambient conditions**	
Operating temperature: • min. • nom. • max.	 • 5°C (41°F) • 20°C (68°F) • 45°C (113°F)
Max. relative humidity	80%
Outdoor use allowed	no
Storage conditions	• 5-45°C (41-113°F) • relative humidity max. 80%
■ **Product combinations**	
EXT NEC-4	extension 2 m (6.5 ft)
Flex-3/4, UltraFlex-3/4	extraction arm
■ **Available options**	
RS-2	hanging suspension for wire feeder (max. 50 kg)
■ **Scope of supply**	
Extension crane on base, incl. wall mounting bracket - HandyStop rod - Hose 115 cm (3) - Bush (4) - Hose clamp (2) - Sticker 'max. 50 kg' - Hardware	
■ **Order information**	
Article number	7920122000
Number/package	1
■ **Shipping data**	
Gross weight	42,2 kg (93 lbs)
Packing dimensions	
Max. number/pallet	8
Harmonized Tariff Code	8421.9900.99
Country of origin	the Netherlands

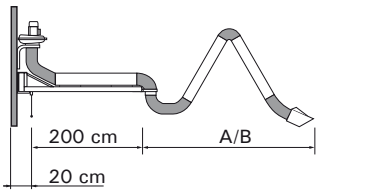
■ **Approvals/certificates**	
CE	
RoHS 2002/95/EC	EU Directive 2002/95/EC (RoHS) (valid as of July 2006)

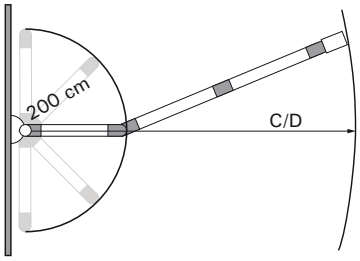
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FEATURES

NEC-2 + extension EXT NEC-4	
HandyStop	

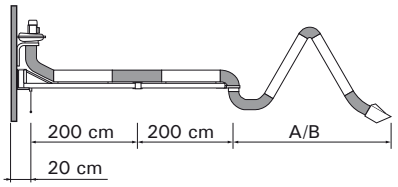
REACH

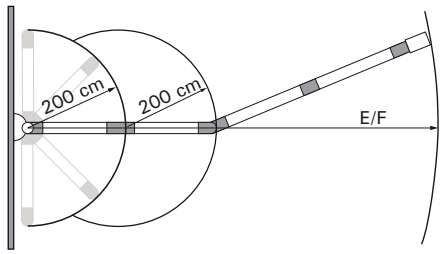




NEC-2 + extraction arm

A = (Ultra)Flex-3 = max. 330 cm (10.8 ft)
B = (Ultra)Flex-4 = max. 430 cm (14.1 ft)
C = NEC-2 + (Ultra)Flex-3 = max. 530 cm (17.4 ft)
D = NEC-2 + (Ultra)Flex-4 = max. 630 cm (20.7 ft)

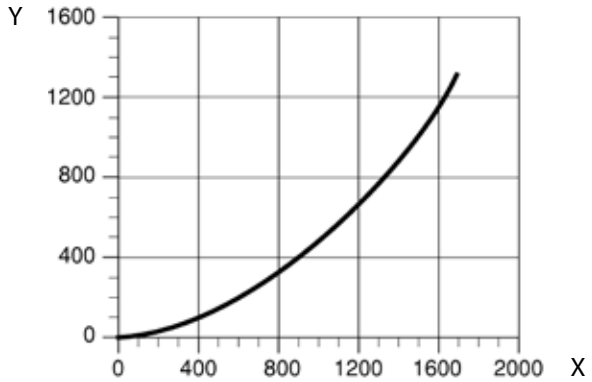




NEC-2 + EXT NEC-4 + extraction arm

A = (Ultra)Flex-3 = max. 330 cm (10.8 ft)
B = (Ultra)Flex-4 = max. 430 cm (14.1 ft)
E = NEC-2 + EXT NEC-4 + (Ultra)Flex-3 = max. 730 cm (23.9 ft)
F = NEC-2 + EXT NEC-4 + (Ultra)Flex-4 = max. 830 cm (27.2 ft)

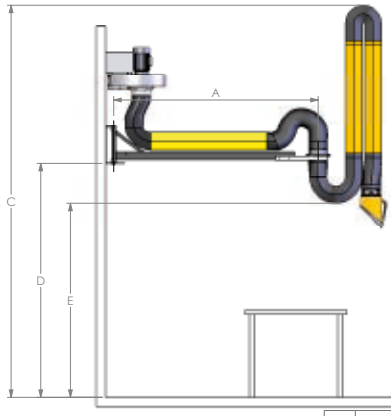
PRESSURE DROP



NEC-2 (+ EXT NEC-4) + (Ultra)Flex-3/4

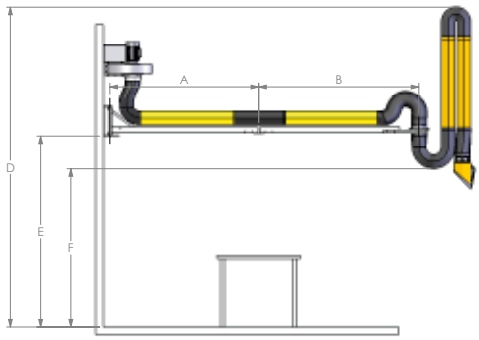
X = Airflow (m^3/h)
Y = Static pressure (Pa)

MOUNTING MEASUREMENTS



	mm	inch
A	2200	87
C	4020	158
D	2565	101
E	2310	91

NEC-2 + (Ultra)Flex-4



	mm	inch
A	2000	79
B	2200	87
D	4020	158
E	2565	101
F	2310	91

NEC-2 + EXT NEC-4 +(Ultra)Flex-4

Product type	**NEC-2**
Article no.	7920122000
Product category	extraction arms/hoses
Version	240610/A

Always check the latest version on **www.plymovent.com**

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