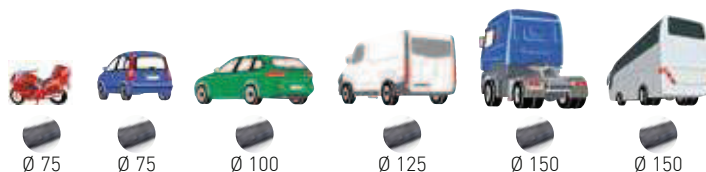


HOSE REEL WITH MOTORIZED REWIND



Applications



Terms of use

Localized extraction of exhaust gases from motorcycles, cars, trucks and heavy vehicles

Assembling

Wall-mounted or ceiling-mounted system, for centralized plants or with a single centrifugal fan assembled on board

DESCRIPTION

Hose reel for anti-crush rubber hose unwinding with different diameters for different types of vehicles. Available only in motorized start version with switch control for fixed, centralised or sliding systems, for the positioning of the nozzle close to the vehicle. Apt for centralized plants or assembled with a EV extraction fan. The system is designed for the localized extraction from the exhaust gases pipes with the corresponding rubber or stainless steel nozzle, resistant to the high temperatures coming out from the engine of the vehicle.

ASSEMBLING

Innovative and exclusive rotation system "Rotomax", designed to allow easy sliding and handling over the time, and also in heavy duty use conditions. Harmonic steel springs pre-loaded and pre-calibrated according to the length and diameter of the flexible anti-crush hoses. Reinforced steel standard structure for all the versions. Plates and barrels available in 4 different sizes in order to cover all the possible needs of flexible hoses. Interchangeable accessories and solutions to improve the extraction efficiency with our EV fans and damper motorized systems. TGA flexible anti-crush hoses in different length and diameters (75 mm - 200 mm).

ADDED VALUES

The extraction fan is made in powder-painted steel; it is also energy-saving and low sound impact. Light weight structure made with plastic, aluminum and powder-coated steel. Innovative and original rotation system "Rotomax" with aluminum-alloy press-melted components and anti-friction material inserted, in order to guarantee long-life, precision, resistance to pressure and play for alignment. Containment carter with grease distribution system. Possibility of extraction of gases and fumes at high temperatures with special versions on demand.

CERTIFICATIONS



ARHM

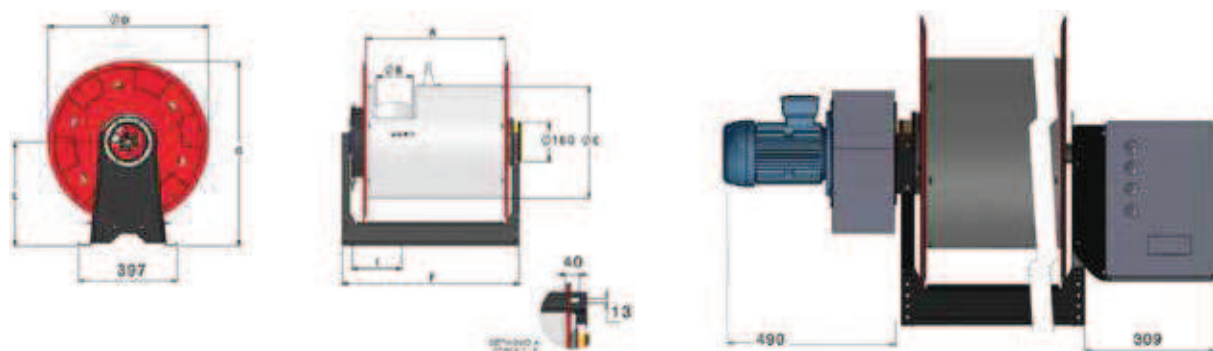
HOSE REEL WITH MOTORIZED REWIND



TECHNICAL FEATURES

Model	Hose Ø	Hose length	Recommended flow rate (min/max)	Head loss (min/max)	Total weight
	mm	m	m ³ /h	Pa	kg
ARHM 75	75	7.5-10-12.5-15	450	900 - 1400	50-53
ARHM 100	100	7.5-10-12.5-15	700	700 - 1100	56-60
ARHM 125	125	7.5-10-12.5-15	1100	550 - 900	66-70
ARHM 150	150	7.5-10-12.5-15	1700	500 - 650	80-84

DIMENSIONS



Model	A	B	C	D	F	G	I	Hole Nr.	L
	mm	mm	mm	mm	mm	mm	mm		mm
75/7.5	560	75	450	647	713	740	200	4	415
75/10	560	75	450	647	713	740	200	4	415
75/13	720	75	450	647	873	740	265	4	415
100/7.5	560	100	450	647	713	754	200	4	431
100/10	720	100	450	647	873	754	265	4	431
100/13	960	100	450	647	1113	754	258	5	431
125/7.5	720	125	450	647	873	780	265	4	457
125/10	720	125	450	647	873	780	265	4	457
125/13	960	125	450	647	1113	780	258	5	457
150/10	960	150	450	647	1113	805	258	5	483
150/13	1200	150	450	647	1353	805	319	5	483
150/15	1200	150	450	647	1353	805	319	5	483

PACKAGING



Packaging volume 1,5 m³
(120x80x105 cm)

Distributed by: Dynamic Engineering Australia
7/52 Kent Street Cannington WA 6107 | Ph: +618 9356 7633
Email: sales@dynamiceng.com.au | www.dynamiceng.com.au



Automotive

Workshop equipments



CHECK LIST

PROJECT INFORMATION

Date Company name Responsible for the project

Address Phone number Fax number

E-mail Final customer

EXHAUST GASES EXTRACTION SOLUTIONS



TYPE
OF VEHICLE



Ø 75 mm
MOTORBIKE
□



Ø 75 mm
SMALL ENGINE SIZE
□



Ø 100 mm
MEDIUM/BIG ENGINE SIZE
□



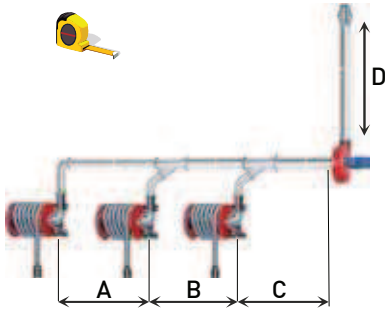
Ø 125 mm
VANS
□



Ø 150 mm
HEAVY VEHICLES
□

Specifications

FIXED SYSTEMS



A	m
B	m
C	m
D	m

Hose reels nr.	
Inverter	
<input type="checkbox"/> Y	<input type="checkbox"/> N
Max. nr. hose reels working at the same time	

EXTRACTION FANS SPECIFICATIONS

With bracket fitted to wall	Yes	No
Inside placement	Yes	No
Soundproof box	Yes	No
Anti-vibrant support	Yes	No
Anti-vibrant connection	Yes	No

FLEXIBLE HOSES WORKING TEMPERATURE

Low $\leq 130^{\circ}\text{C}$	<input type="checkbox"/>
Normal $\leq 200^{\circ}\text{C}$	<input type="checkbox"/>
High $\leq 400^{\circ}\text{C}$	<input type="checkbox"/>
Very high $\leq 1000^{\circ}\text{C}$	<input type="checkbox"/>
Other $^{\circ}\text{C}$	<input type="checkbox"/>


FLEXIBLE HOSE LENGTH

2,5 meters	<input type="checkbox"/>	15 meters	<input type="checkbox"/>
5 meters	<input type="checkbox"/>	20 meters	<input type="checkbox"/>
7,5 meters	<input type="checkbox"/>	40 meters	<input type="checkbox"/>
10 meters	<input type="checkbox"/>		
12,5 meters	<input type="checkbox"/>		

INTAKES

Steel	<input type="checkbox"/>
Rubber	<input type="checkbox"/>
Twin exhaust	<input type="checkbox"/>
With clamp	<input type="checkbox"/>
With CO connection	<input type="checkbox"/>

PLEASE SPECIFY IF AERSERVICE HAS TO PROVIDE ALSO TO

Brackets for ceiling fixing	<input type="checkbox"/>	Expulsion chimney	<input type="checkbox"/>
Connection ducts	<input type="checkbox"/>	In case of brackets for ceiling fixing, please provide for the following information:	
Wiring diagram	 <input type="checkbox"/>		
Fan start-stop kit	<input type="checkbox"/>	Ceiling height m	
Soundproof box	<input type="checkbox"/>	Ceiling specifications	

DRAWING / SCHEME

[illegible]

If it is not possible to refer to standard parameters, please indicate the motor size and the main technical specifications.