



## Hoses and Connectors



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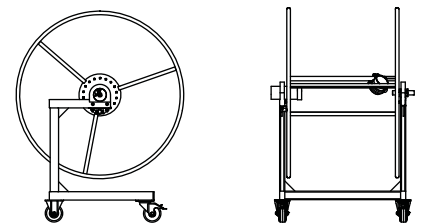
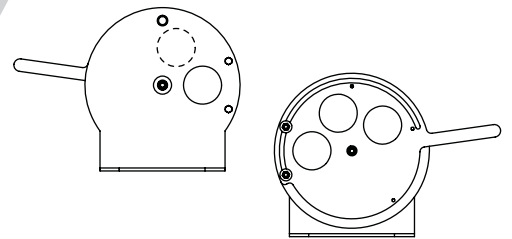
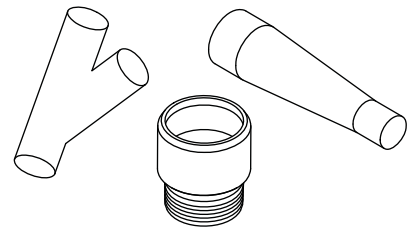
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# Hoses: Conveyor and Injection Hoses

- Injection hoses made of low-wear and consistent polyethylene
- Conveyor hoses made of flexible PU/PVC
- Good rigidity properties
- Plus tension belt for convolving and carrying



The blow-in pro distinguishes between injection and conveyor hoses. Injection hoses are available in two rigidity classes: Red injection hoses (1) are a bit more stiff as the blue ones (2). Both have a good ability for insertion in stud cavities. Their flexural properties facilitate a good channel in the cavity and they can be moved over barriers thereat.

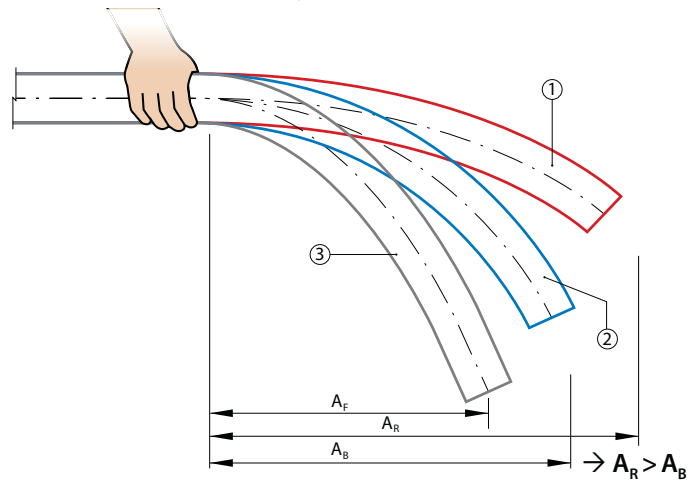
The more flexible blue injection hose is, the easier it is to handle in winter temperatures. The smaller bending radius allows the insertion of elements with little insulation thicknesses. The chequered design on the inside of the hose loosens the insulation material up more. This raises the productivity of the insulation material.

Conveyor hoses are napless on the inside and relatively soft (3). They are generally used to bridge distances between the machine and injection hose.

Sometimes, they can also be used for injection. The conveyor hose is also available with a stranded copper wire and can be grounded against electrostatic charge.

High-strength conveyor hoses have a thick wall and a spiral shielding made of steel. They wear considerably more after moderate use with abrasive materials than the conventional injection or conveyor hoses.

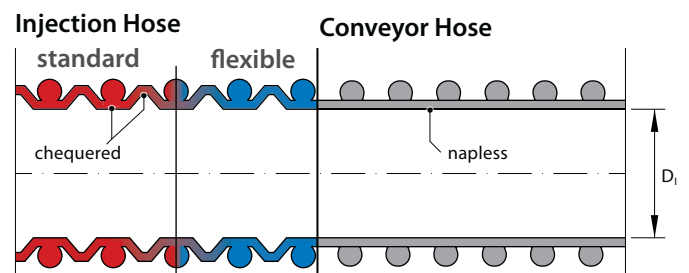
Comparison of the rigidity of red and blue injection hoses



$A_F$  = Bending radius conveyor hose

$A_R$  = Bending radius injection hose red

$A_B$  = Bending radius injection hose blue





## Injection Hoses (standard)



Nominal size	Ø D <sub>i</sub>	Ø drill hole	Bending radius	Length		Prod. no.
				15 m	20 m	15 / 20 m
NW38 (1 ½")	38 mm	≥ 50 mm	60 mm	●	○	777
NW50 (2")	50 mm	≥ 65 mm	80 mm	●	○	167
NW63 (2 ½")	63 mm	≥ 85 mm	100 mm	●	●	166/ 5238
NW75 (3")	75 mm	≥ 106.5 mm	120 mm	●	●	074/ 4777
NW90 (3 ½")	90 mm	≥ 120 mm	160 mm	●	○	1169

## Flexible Injection Hoses



Nominal size	Ø D <sub>i</sub>	Ø drill hole	Bending radius	Length		Prod. no.
				15 m	20 m	15 / 20 m
NW63 (2 ½")	63 mm	≥ 85 mm	100 mm	●	●	4779/ 5239
NW75 (3")	75 mm	≥ 106.5 mm	120 mm	●	●	4774/ 5237



## Conveyor Hoses



Nominal size	Ø D <sub>i</sub>	Ø drill hole	Bend. radius	Length	Prod. no.
NW25 (1")	25 mm	≥ 30 mm	25 mm	20 m	704
NW38 (1 ½")	38 mm	≥ 50 mm	38 mm	20 m	414
NW50 (2")	50 mm	≥ 65 mm	50 mm	20 m	329
NW63 (2 ½")	63 mm	≥ 85 mm	63 mm	20 m	573
NW75 (3")	75 mm	≥ 106.5 mm	75 mm	20 m	284
NW90 (3 ½")	90 mm	≥ 108 mm	90 mm	20 m	422

## Conveyor Hoses, with High-Strength Design



Nominal size	Ø D <sub>i</sub>	Ø drill hole	Bend. radius	Length	Prod. no.
NW38 (1 ½")	38 mm	≥ 50 mm	38 mm	20 m	3822
NW50 (2")	50 mm	≥ 65 mm	50 mm	20 m	1061
NW63 (2 ½")	63 mm	≥ 85 mm	63 mm	20 m	1001
NW75 (3")	75 mm	≥ 106.5 mm	75 mm	20 m	1722

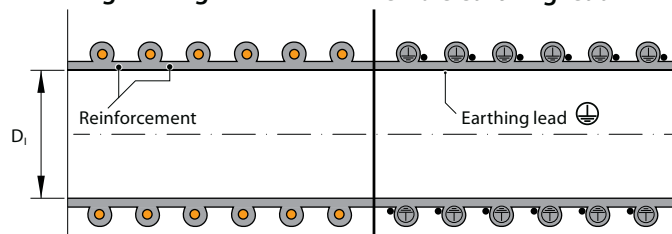
## Conveyor Hoses with Flexible Earthing Lead



Nennweite	Ø D <sub>i</sub>	Ø drill hole	Bend. radius	Length	Prod. no.
NW38 (1 ½")	38 mm	≥ 50 mm	38 mm	20 m	3818
NW50 (2")	50 mm	≥ 65 mm	50 mm	20 m	3817
NW63 (2 ½")	63 mm	≥ 85 mm	63 mm	20 m	3816
NW75 (3")	75 mm	≥ 106.5 mm	75 mm	20 m	3815






### Conveyor hoses, high-strength design

### Conveyor hoses with flexible earthing lead






**Tensions belts with clamping lock...**  
...and additional wrist strap are delivered with every hose.

## Hose Connectors









Image	Description	Prod. no.
	NW90, stainless steel	1452
	NW75, stainless steel	033
	NW63, stainless steel	236
	NW50, stainless steel	235
	NW38, stainless steel	788

## Rotary Hose Connectors

Image	Description	Prod.no.
	SDV75, aluminium rotatable hose connector for twist-free hose connections	4451
	SDV63, aluminium rotatable hose connector for twist-free hose connections	6896
	SDV50, aluminium rotatable hose connector for twist-free hose connections	6522










## Hose Clamps

Image	Description	Prod. no.
	NW90 (3 1/2")	1923
	NW75 (3"), quick fastener clamp	223
	NW75 (3") / S 79-85 (hinged bolt clamp) For conveyor hoses	3759
	NW75 (3")	177
	NW63 (2 1/2")	176
	NW50 (2")	175
	NW38 (1 1/2") conveyor hose	512
	NW38 (1 1/2") injection hose	1199



## Reducer Tube Connectors






Hose reduction with tapered sealing edges made of corrosion resistant high-strength aluminium.

Image	Description	Prod. no.
	NW102>75 (4">3")	6642
	NW90>75 (3 1/2">3")	1971
	NW75>63 (3">2 1/2")	1261
	NW75>50 (3">2")	1262
	NW63>50 (2 1/2">2")	1264
	NW63>38 (2 1/2">1 1/2")	1970
	NW50>38 (2">1 1/2")	1263



## Y-pieces

For coupling the air from a amplifier/vacuum unit

Image	Description	Prod. no.
	NW90/75>90	4523
	NW75/75>75	456
	NW75/63>75	2221
	NW63/63>63	3955
	NW63/63>63 (plastic)	1804

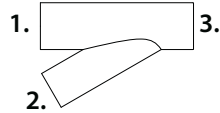
Example:

NW75/63>75

1. NW75

2. NW63

3. NW75



## Y-pipes

Stainless steel y-pipes for interconnecting conveyor and injection hoses, for Twinpack, machine combinations, Twinstar.

Image	Description	Prod. no.
	NW63>63	1132
	NW50>50	3429

## Glass Fibre Rods






Reinforces injection and conveyor hoses. Can be adapted by screw thread with steel connectors.

Can be secured to the hose with hook-and-loop tape (prod. no. 3177) in 1 m intervals.

Ø diameter	Length	Prod. no.
7 mm	1.5 m	4020
7 mm	2.5 m	4021
7 mm	4 m	4542
11 mm	1.5 m	3738
11 mm	2.5 m	3737
11 mm	4 m	4599



## Quick Couplings

Image	Description	Prod. no.
	Machine adapter NW75 (3'') R2 1/2 suitable for machines M95, EM300, EM400 and EM500	172
	NW75 (3'') Kn89	168
	NW63 (2 1/2'') Kn89	170
	Kn89>Kn66 for reduction to NW50 (Prod. no. 171) or NW38 (Prod. no. 667)	173
	Kn66>Kn52 for reduction to NW50 (Prod. no. 171) or NW38 (Prod. no. 667)	668
	NW50 (2'') Kn66	171
	NW38 (1 1/2'') Kn66	667



## Compact Fibre Switch

### Examples for Usage:

- ▶ Uninterrupted filling of wall and roof elements
- ▶ Switch option for wide compartments which are loaded with two hoses
- ▶ Combined multiple switches possible

Type	Inlet	Outlet	Prod. no.
NW75>75	1 × NW75 (3")	2 × NW75 (3")	2794
NW75>63	1 × NW75 (3")	2 × NW63 (2 ½")	2810
NW63>63	1 × NW63 (2 ½")	2 × NW63 (2 ½")	2809



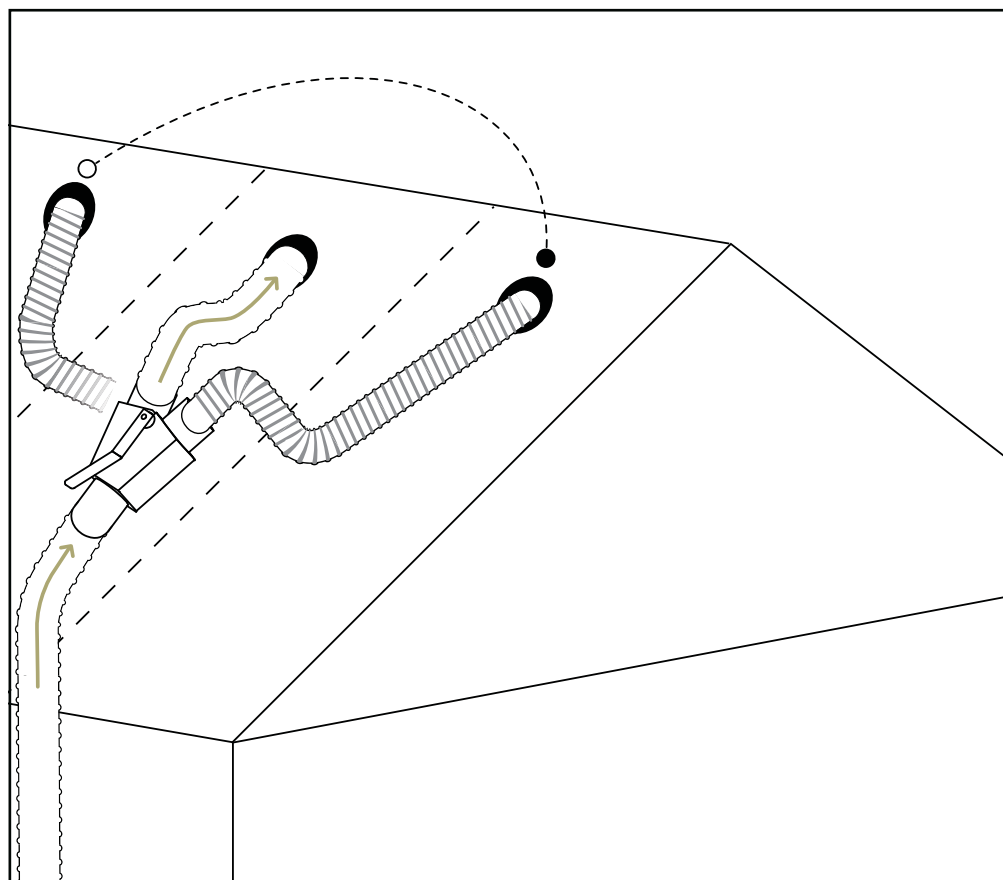
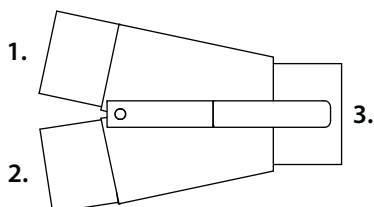
### Example:

NW75/63

1. NW75

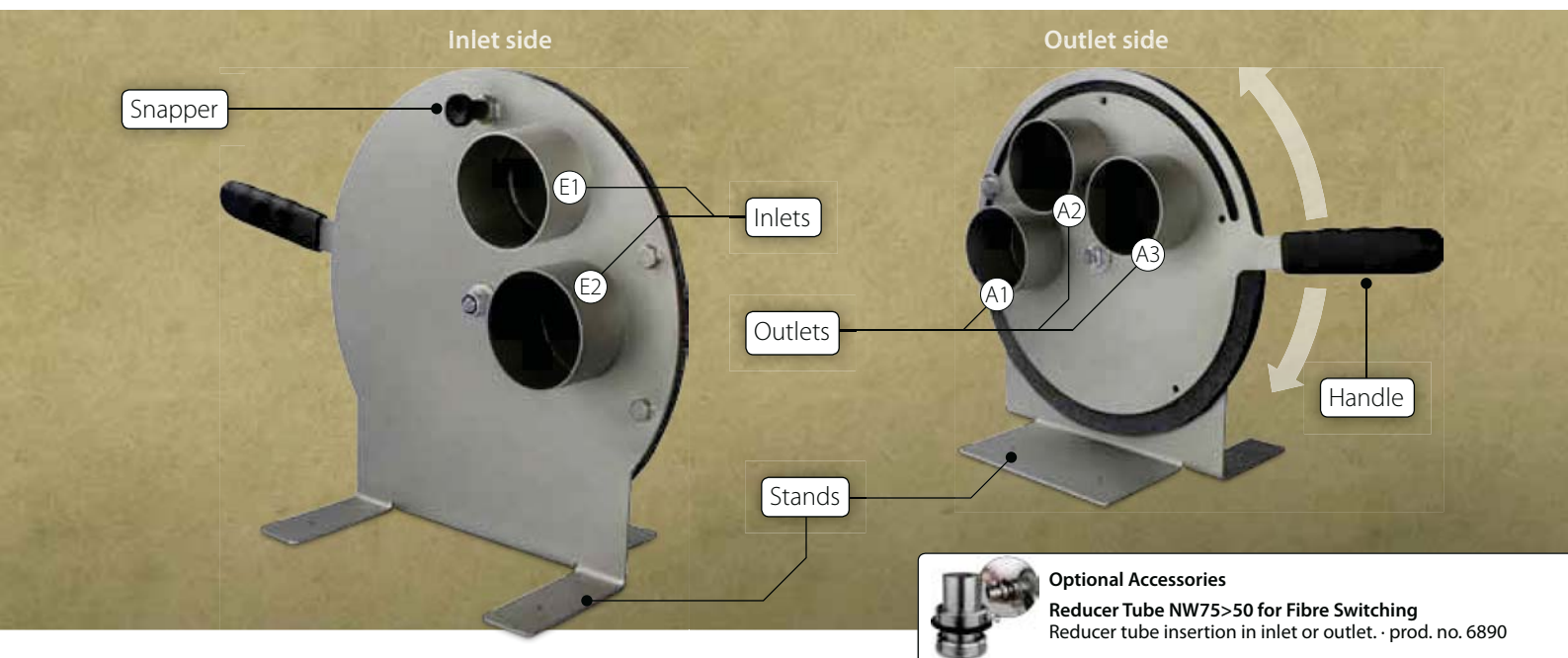
2. NW63

3. NW63





## Revolver Fibre Switch



### Optional Accessories

Reducer Tube NW75>50 for Fibre Switching

Reducer tube insertion in inlet or outlet. · prod. no. 6890

The revolver fibre switches are equipped with 3 outlets. This facilitates rational preparation of several injection holes. Numerous compartments can be filled quickly. The fibre switches tighten very well and are easily adjustable. It also allows simple switchovers between blowing and aspiration mode.

### Examples for Usage:

- ▶ Quick switchovers between blowing and aspiration mode
- ▶ Uninterruptible filling of elements
- ▶ Switchover option on wide compartments loaded with two or three hoses
- ▶ Switchovers between up to three different injection tools, fixed hose or pipe lines in serial production

### Technical Details

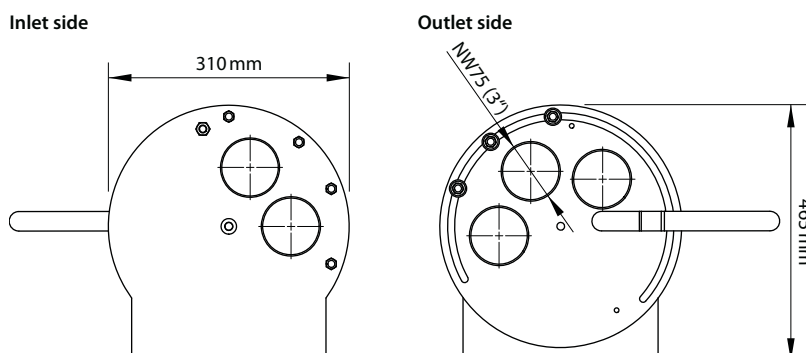
Type	2 > 3 NW75
Inlet	2 × NW75 (3")
Outlet	3 × NW75 (3")
Weight	ca. 4.6 kg
Status	Konsole
Prod. no.	6058



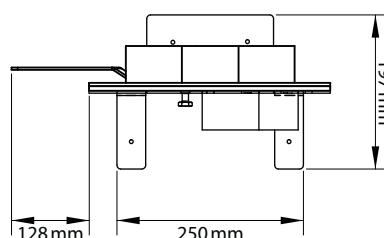
Fixed installation on the blowing mobile for switchover between blowing and suction operation.



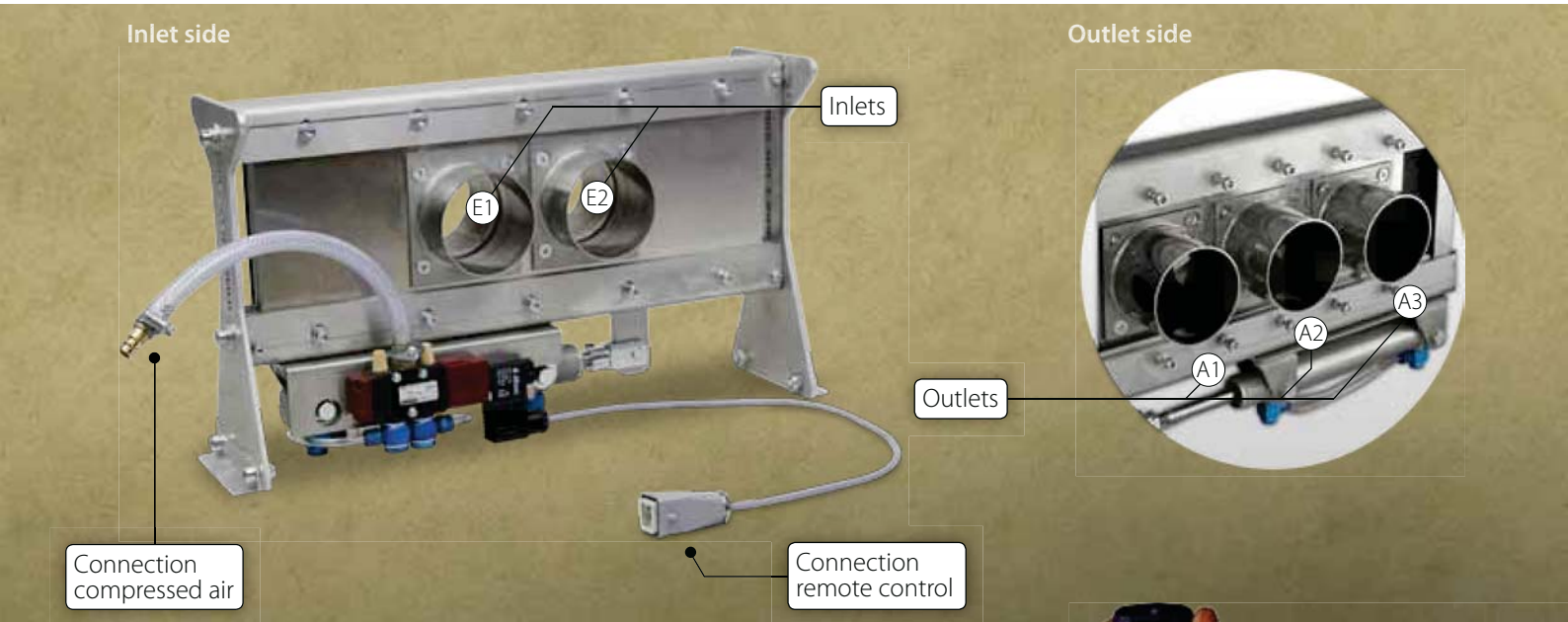
Mobile insertion using switchover function between blowing and suction operation.



### Mounting bracket



# Pneumatic Fibre Switch



X-Floc’s pneumatic fibre switch enables seamless switching between two transport hoses for conveying loose insulation, loose bulkware and other certified insulation materials.

The pneumatic fibre switch enables the insulation expert to set up hose systems in advance, to supply many filling stations with one insulation blowing machine, to switch between blowing and suction functions, to rapidly depressurise the hose system and much more. With the pneumatic fibre switch, the user can switch seamlessly between blowing/suction, meaning near-instant pressure-equalization of the blowing system.

There are a number of different switch control options to choose from. The fibre switch can be conveniently controlled using a wireless remote control, or connected directly with master-slave to the insulation blowing machine for synchronised operation. It is also possible to operate the switch using programmable logic control (PLC).

Whether used for stationary element filling in a factory, or for mobile site use, the pneumatic fibre switch gives the insulation expert the required flexibility.

Inlets	Outlets	Weight	Prod. no.
2×NW75 (3")	1×NW75 (3")	approx. 8.3 kg	3846
2×NW75 (3")	3×NW75 (3")	approx. 8.3 kg	5179

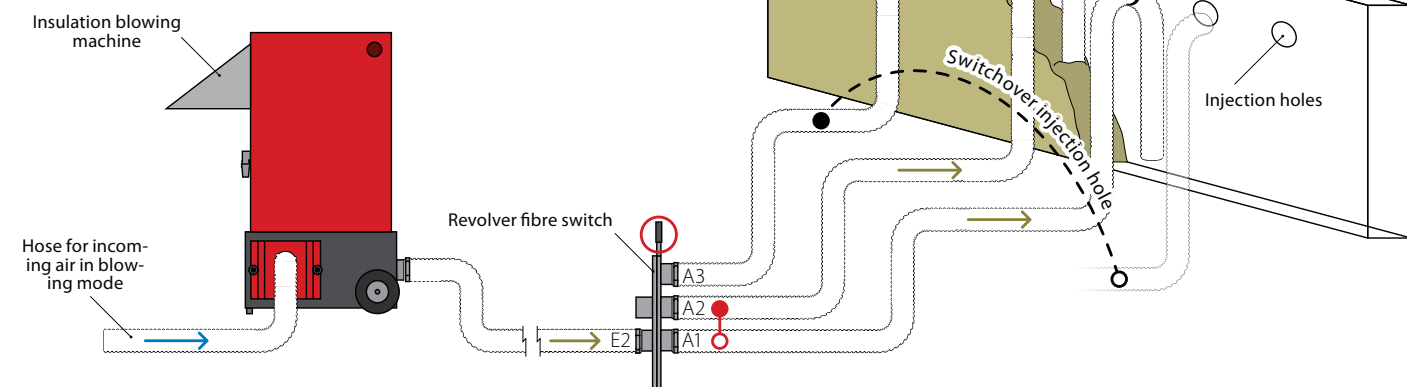


Remote control FFB22 unidirectional  
Prod. no. 8229

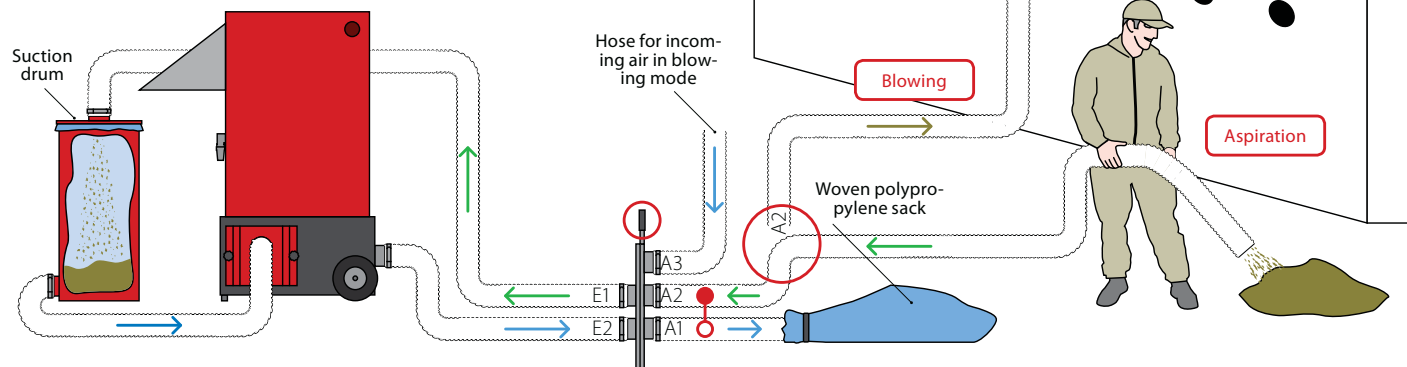


**Pneumatic Fibre Switch Cascade with 4 Outflows**  
Material sorting gate for uninterrupted switchover from solid material air flows.  
▶ With a radio remote control  
▶ Connectable over foreign signals  
Prod. no. 5063

Connection Diagram: Switchover Multiple Hose Lines



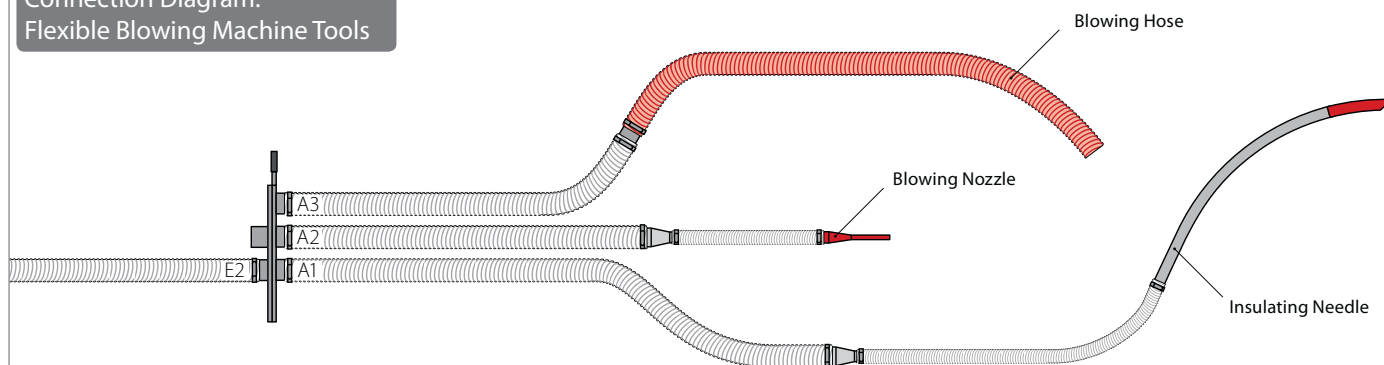
Connection diagram: Blowing or Aspiration Mode



When vacuuming, there is also a possibility of vacuuming blockages through the supply lines.

→ Air      → Blow the materials      ← Vacuum the material

Connection Diagram: Flexible Blowing Machine Tools



# Hose Reel D1000 Plus



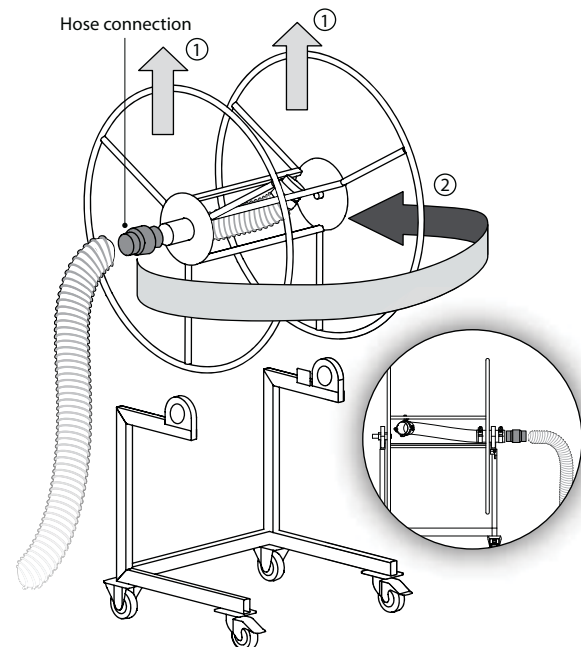
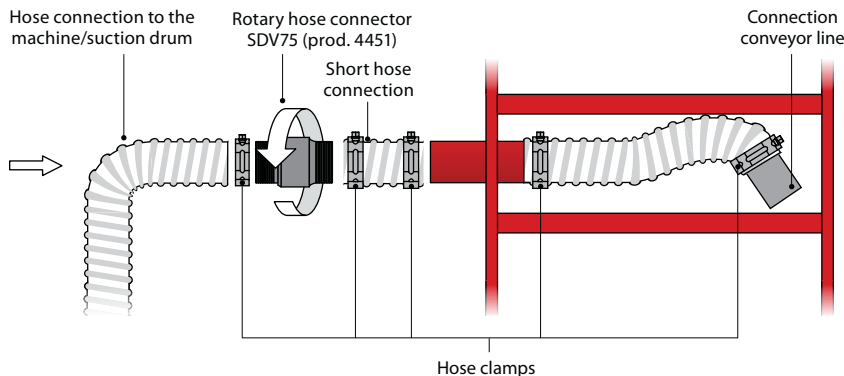
- Lightweight and compact
- Remarkable reduced setup times
- Quick and tidy storage
- Large storage capacity
- Reel-lock function
- Connection side exchangeable
- Can be mounted to the floor or on a wall

## Flexible and space-saving for winding up and unwinding hoses.

A locking device ensures that your hoses do not unwind when being stored. Note: the capacity of the hose reel depends upon the hose type used (see table).

With an integrated hose stand, your hoses are ready for use with minimal set-up times and are quickly and easily tidied away, ready for the next job.

The hose reel can be fitted easily inside construction site vehicles, on trailers, or at the warehouse. Regardless of their function, this hose reel ensures your hoses are always ready for use and stored properly in the right place.

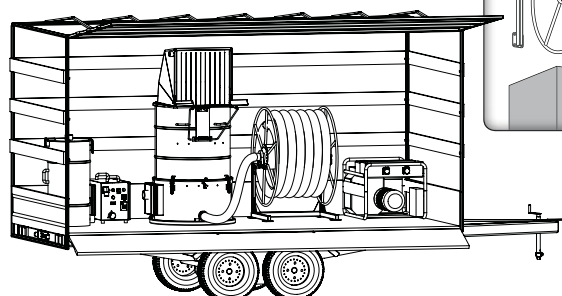
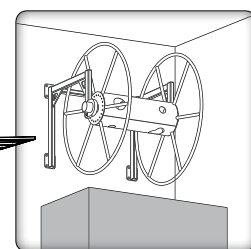


The connection side of the hose reel can be changed very fast.

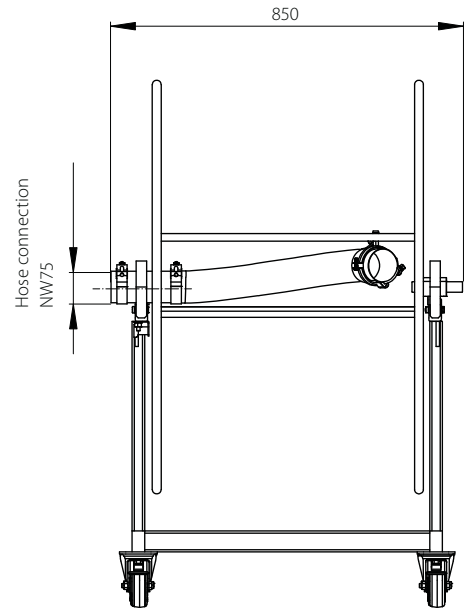
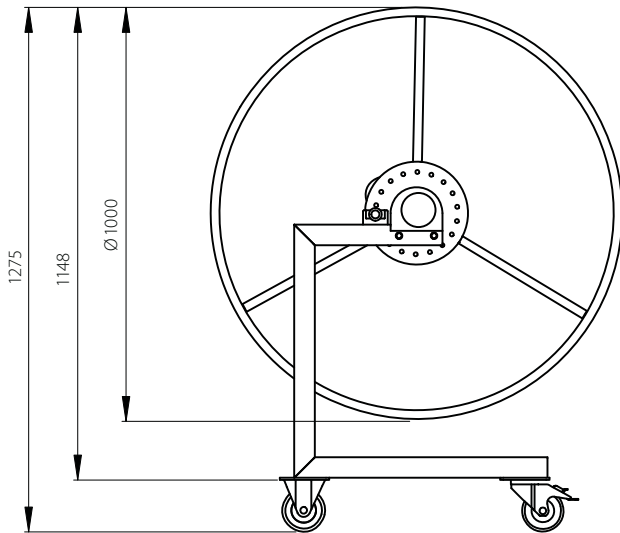
Setup times can also be reduced to a minimum.

The hose reel can be fitted with castors for increased mobility. It is made of high-quality powder-coated steel with bush bearings.

Examples of wall-mounted reels and floor-fixed reels












### Hose Reel Capacity

Type	Hose size	Hose length
Injection hose	NW50 (2")	approx. 110 m
Conveyor hose	NW50 (2")	approx. 130 m
Injection hose	NW63 (2½")	approx. 70 m
Conveyor hose	NW63 (2½")	approx. 90 m
Injection hose	NW75 (3")	approx. 45 m
Conveyor hose	NW75 (3")	approx. 60 m

### Order data

Image	Description	Prod. no.
	<b>D1000 plus hose reel:</b> Hose connection through the side of the reel NW75 (3"), powder-coated steel with locking system, (fixed/swivel castors not included)	6464
	<b>Heavy duty fixed castors</b>	4766
	<b>Heavy duty swivel castors</b>	4767
	<b>SDV75 rotary hose connector:</b> Rotatable hose connector for twist free hose line. Material: Aluminium	4451
	<b>Accessories set for connection to the machine:</b> - SDV75 rotary hose connector - 10 cm conveyor hose NW75 - 3 m conveyor hose NW75 - 3 hose clamps NW75	5845



# Hose and Connection Sets

## Hose Sets

Every blowing injection method has its own requirements concerning to hose lines. Furthermore every insulation blowing machine has different airlock outlet sizes. For these reasons we provide complete hose sets for every machine type and injection method. Just ask us.

### Open/attic blowing



Prod. no. 5875 (for NW63) or  
5871 (for NW75)

### Cavity wall insulation with injection nozzle



Prod. no. 5873 (nonabrasive) or  
6015 (abrasive)

### Open/attic blowing for timber frame constructions NW75/63/50



Prod. no. 5876 (for NW63/50) or  
5872 (for NW75/63/50)

### For loose-fill insulation (nonabrasive)



Prod. no. 5711 (for NW63), 5712 (for NW63/50), 5246 (for NW75/63),  
5737 (for NW75/63)/50 or 6765 (for NW90/75/63)

### Damp Spraying



Prod. no. 5874

## Connection Sets for Amplifiers

### NW63/NW63>NW63

Convenient for machines M99 and EM100

Prod. no. 4935



### NW63/NW75>NW75

Convenient for machines M95, EM3XX, EM4XX and EM5XX

Prod. no. 4934



### NW63/NW90>NW90

Suitable for the machines with a airlock outlet  
NW90.

Prod. no. 7870



## Connection Sets for Insulating Needles



### Connection Set NW63>38:

- ▶ Conveyor hose NW38, L=approx. 4 m (prod. no. 3822)
- ▶ Reducer tube connector NW63>38 (prod. no. 1970)
- ▶ Hose clamps NW38, 2 pieces (prod. no. 512)
- ▶ Sealing sponge NW38/NW50 (prod. no. 7100)

**Prod. no. 6104**



### Connection Set NW63>50:

- ▶ Conveyor hose NW50, L=approx. 4 m (prod. no. 1061)
- ▶ Reducer tube connector NW63>50 (prod. no. 1264)
- ▶ Hose clamps NW50, 2 pieces (prod. no. 175)
- ▶ Sealing sponge NW50/NW63 (prod. no. 7100)

**Prod. no. 6206**



### Connection Set NW75>50:

- ▶ Conveyor hose NW50, L=approx. 4 m (prod. no. 1061)
- ▶ Reducer tube connector NW75>50 (prod. no. 1262)
- ▶ Hose clamps NW50, 2 pieces (prod. no. 175)
- ▶ Sealing sponge NW50/NW63 (prod. no. 7100)

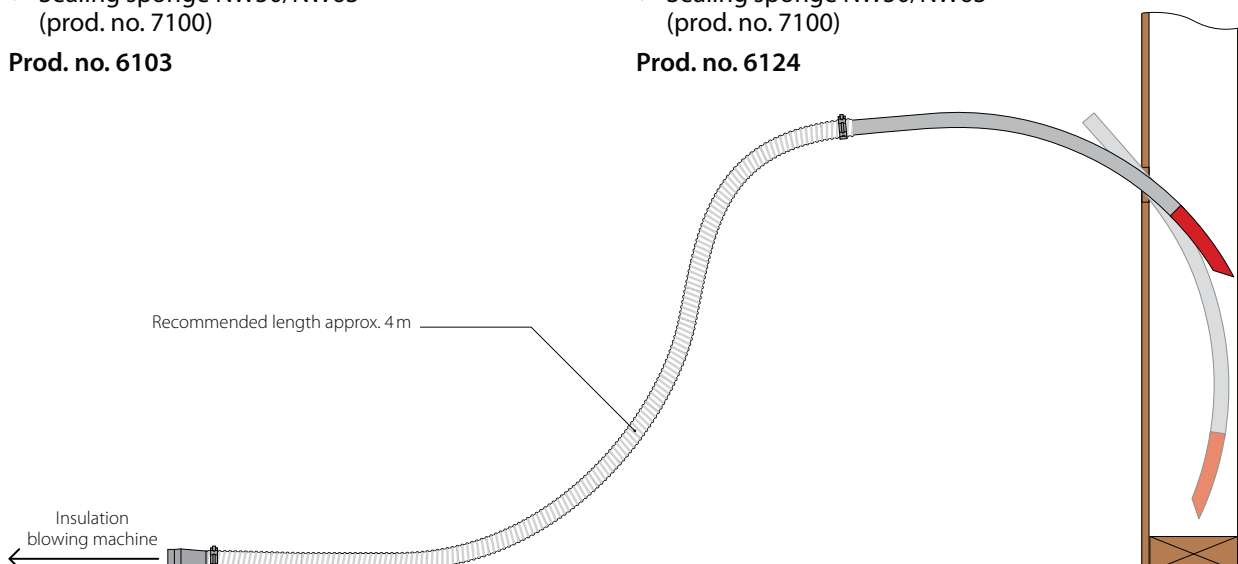
**Prod. no. 6103**



### Connection Set NW75>63:

- ▶ Conveyor hose NW63, L=approx. 4 m (prod. no. 1001)
- ▶ Reducer tube connector NW75>63 (prod. no. 1261)
- ▶ Hose clamps NW63, 2 pieces (prod. no. 176)
- ▶ Sealing sponge NW50/NW63 (prod. no. 7100)

**Prod. no. 6124**





### **X-Floc Channel**

See many product demos and  
tips on Youtube



**X-Floc Dämmtechnik-Maschinen GmbH**  
Rosine-Starz-Straße 12 · 71272 Renningen · Germany  
Telefon +49 - 7159 - 80470 - 30 · Fax -40  
E-Mail [info@x-floc.com](mailto:info@x-floc.com) · Web [www.x-floc.com](http://www.x-floc.com)

Your X-Floc partner

A large, empty rectangular box with a thin black border, intended for a partner's name or logo.