

Unique hose-tip equipment for vacuum units

Experience the potential in Danex mobile machines for big and small vacuum units



Jaw crusher DX 12



Jaw crusher DX 40



Hammer mill DX 600



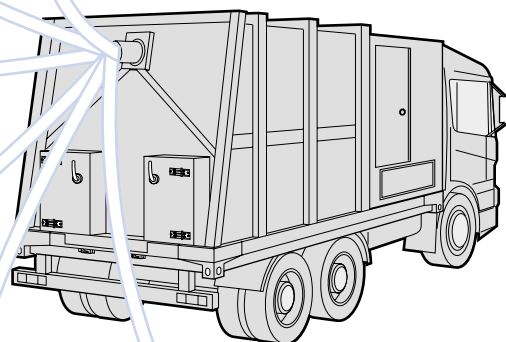
Hose carrier "The Mole"



Blow feeder DX 2500



Compactor DX 30K



for better working environment

Danex

Crushers

- Minimised dust when crushing and removing demolition materials with vacuum.
- High capacity compared to conventional methods for material-removal.
- Crushed material can in many cases be recycled as filling material.
- Less volume (1.5 – 2.5 times) to be transported for deposition or to new building site.
- For detailed technical information, please see back page.



DX 12
Hand-loaded crusher for fragmentation and removal of concrete, industrial bricks etc. Capacity 3-4 m³/h.



DX 3
Intended for fragmentation and removal of demolition material, especially when renovating bathrooms.



DX 40
Crusher for fragmentation and removal of larger volumes of demolition material. Can be loaded with Bobcat or conveyor belt. Crushes concrete, industrial bricks etc.

Hammer mills

- Nearly dust free grinding and out-transport of hazardous materials, e.g. asbestos, glass & mineral wool and net insulation.
- Grinds also plaster-boards, glass, tiles, clinker, bricks, wall-plaster etc., for recycling.
- Can, instead of inlet canal, be equipped with a hose-connection which makes it possible to vacuum the material directly from the demolition site, straight through the mill, and get the desired fraction of material directly into the container.
- In order to get the desired fraction, simply change the grid-plate depending on the material.
- For detailed technical information, please see back page.



DX 150

The smallest mill, intended for wall-plaster, glass, tiles, clinker, insulation etc.



DX 350

A medium size mill intended for bricks, plaster boards, glass, tiles, clinker, insulation, asbestos etc.

Here shown with feeding-belt.



DX 600

Our largest mill with optimised capacity for larger demolition jobs. The complete inlet canal unit can easily be removed, to minimise transport size. Here shown with feeding-belt.



COMPACTORS

- Optimised material-handling when removing asbestos and other hazardous materials (e.g. with high quartzose contents).
- Vacuum packing of waste material ensures safe handling and reduces transport volumes, up to 5 times the volume of the free material.
- Available in two sizes.
For detailed technical information, please see back page.

**DX 30 K**

Mobile unit with filters for vacuum packing of asbestos etc. in plastic stocking for subsequent disposal or recycling. The material is torn down and fed through one of our hammer mills, then vacuumed to the compactor where it is packed into the plastic stocking. The complete cycle is done in vacuum, which compresses the material up to 5 times. The system vacuum unit/ compactor minimises unnecessary spread of hazardous dust

DX 2500

- The DX 2500 is especially efficient when moving large volumes to confined spaces, where it is difficult to use conventional machines.
- The DX 2500 has a high capacity and can for example blow 6 - 16 mm gravel, with a capacity of 10 tons /hour.
- For detailed technical information, please see back page.

DX 2500

The blow feeder DX 2500 is intended for vacuum-transport of gravel etc. and is used in combination with a blow-truck, a vacuum unit with a blow connection or a compressor unit with sufficient capacity. The DX 2500 is especially efficient when moving large volumes to confined spaces, where it is difficult to use conventional machines.



"Vacuum-mole"

- Handles hoses up to 8", which minimises the risk for strain-injuries for the operator.
- Can be used for dry and wet vacuum in confined spaces, e.g. road & railway ducts, sewage systems, foundations etc.
- Facilitates the straining job of handling the hose in large cisterns with hazardous material.
- The "vacuum-mole" may be remote-controlled up to 40 meters from the operator. In that case the machine will be equipped with VHS cameras and searchlights for forward/ back drive.
- The machine can be fully submerged.
- For detailed technical information, please see back page.

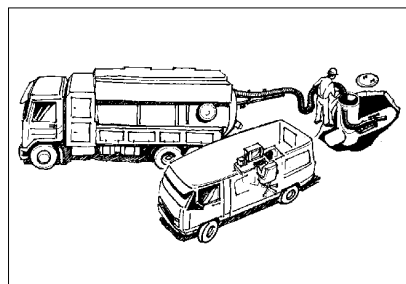


The "**Vacuum-mole**" is a hydraulic hose carrier for dry and wet vacuum, both from open and confined spaces. The "Vacuum-mole" may be remote-controlled up to 40 meters from the operator. In that case, the machine will be equipped with VHS cameras and searchlights for forward/ back drive. Cameras and searchlights are waterproof which makes it possible to use the machine under water.

Some applications for the "Vacuum -mole" and a special ride-version



Clogged duct 600 mm.



Remote controlled operation in sewer system.



Hydraulic unit, valves and seat, mounted on the caterpillar.

Jaw crushers

	DX 3	DX 8	DX12	DX 40
Electric motor power:	3 kW	4 kW	11 kW	30 kW
Hose connection:	Ø 60 alt. Ø 75mm	4"	6" - 8"	8"
Suitable vacuum unit:	5.5 - 11 kW	11 kW	30 kW +	45 kW +
Feeding area:	220 x 170 mm	250 x 180 mm	400 x 240 mm	550 x 915 mm
Capacity*:	0.5 - 1 m ³ /h	1 - 2 m ³ /h	3 - 4 m ³ /h	4 - 8 m ³ /h
Length x width x height:	700x560x750mm	1200x560x800	1430x680x1160	1650x850**x1555
Weight:	130 kg	240 kg	550 kg	1600 kg

*Depending on material, fraction, feeding method and vacuum capacity. ** Width excl.wheels

Hammer mills

	DX 150	DX 350	DX 600
Power main motor:	4 kW	7.5 kW	11 kW
Power feeding belt:	-	0.25 kW	0.25 kW
Vacuum hose connection std :	2"	5"	6"
Inlet canal widths:	170 mm	380 mm	615 mm
Max material size, feed:	150 x170 mm	200 x 350 mm	200 x 600 mm
Suitable vacuum unit:	5.5 - 11 kW	30 kW	30 kW+
Feeding belt speed:	-	0.1-0.3m/s	0.1-0.3m/s
Length x width x height:	2025x600x1100	1750x650x1150	1240x890*x1400mm
Weight:	110 kg	300 kg	400 kg

*Transport width, with inlet canal dismantled.

Compactor

	DX 15 K	DX 30 K
Electric motor, hydraulic pump:	4 kW	7.5 kW
Power supply*:	16 A/380V-3 phase	32 A/380V-3phase
Max power pusher:	8 ton	8 ton
Filter surface barrier filter:	6.4 m ²	13.6 m ²
No. of filter hoses:	28	60
Vacuum hose connection :	4 "	5 "
Length (excl. outlet feeder stud):	1930 mm	3600 mm
Width:	1300 mm	1780 mm
Height, (excl. extension legs):	1900 mm	2400 mm
Weight*	1200 kg	1800 kg

*Given data refer to compactor with integrated hydraulic unit and air compressor. If connected to external hydraulic supply, the power supply required is 220V-1 phase, the weight is reduced by approx. 200 kilos

Blow feeder DX 2500

Volume:	2.5 m ³	Required blow capacity:	min 50 000 Pa, 1200 m ³ /h
Operating pressure:	0.4-0.6 bar	Power hydraulic unit:	15 kW
Hose connection:	6 "	Dim. L x W x H:	4500x1400x2315 mm
Capacity, gravel 6 -16 mm:	10 ton/h	Weight:	2800 kg

Hose carrier "Vacuum-mole"

Caterpillar		Hydraulic unit	
Minimum duct diameter:	Ø 600 mm	Electric motor power:	4 kW
Max hose diameter:	8 "	Power supply	16A/380V-3 phase
Max travel speed :	30 m/min	Max oil pressure	150 bar
Recommended oil flow:	15-20 l/min	Oil volume	27 litres
Recommended oil pressure:	150 bar	Weight incl. oil	100 kg
Overall dimensions, excluding vacuum tube LxWxH:	1150x500x460 mm	Max noise level	70 dB(A)
Weight, basic version:	170 kg		
Weight complete machine with hydraulic unit, valves, and seat:	330 kg.		