

Estaciones amplificadoras y aspiradoras

X-FLOC
Pneumatic Insulation Technology



**Para cada máquina el
estación amplificadora adecuada!**

Neustras amplificadoras y aspiradoras

Some insulation materials require a particularly high amount of air in order to perform the insulation properly. Some isolated installation situations require the overcoming high conveying heights or the use of long conveyor lines. Meanwhile, loose insulation materials have to be occasionally removed again.

By using the X-Floc amplifier/vacuum station technique, you can easily supplement the existing insulation blowing machine to the amplification system or you can use the machine as part of the suctioning process. The devices available range from mobile amplifiers for on-site use (VS28) to stationary solutions, suitable for factory fillings (VS55). All amplifier/vacuum stations available can significantly increase the insulation blowing machines' overall power or, in combination with suitable accessories, can suction small or large amounts of solid materials in a short amount of time. For optimal harmonization, please refer to the notes "Amplification of the insulation blowing machines' air performances".

→ Separación completa de los circuitos de aire insuflado y aire acondicionado
 → Función de aspiración:
 Ideal para muchos materiales distintos



VS28



VS33



VS40

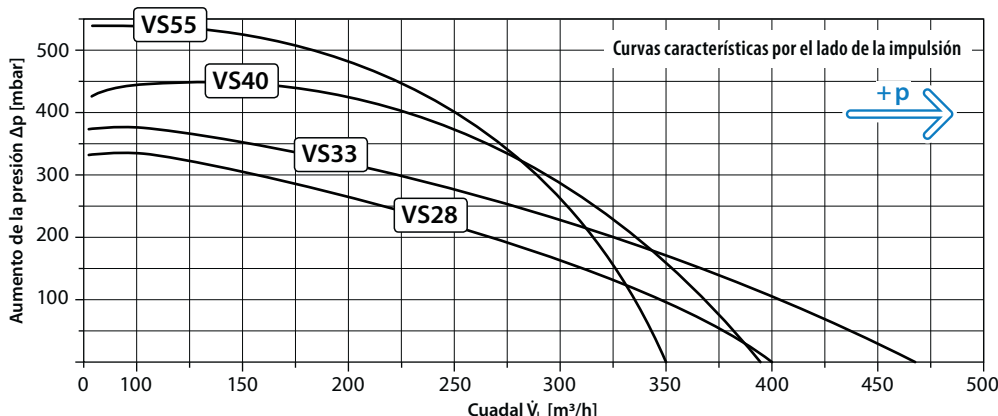


VS55

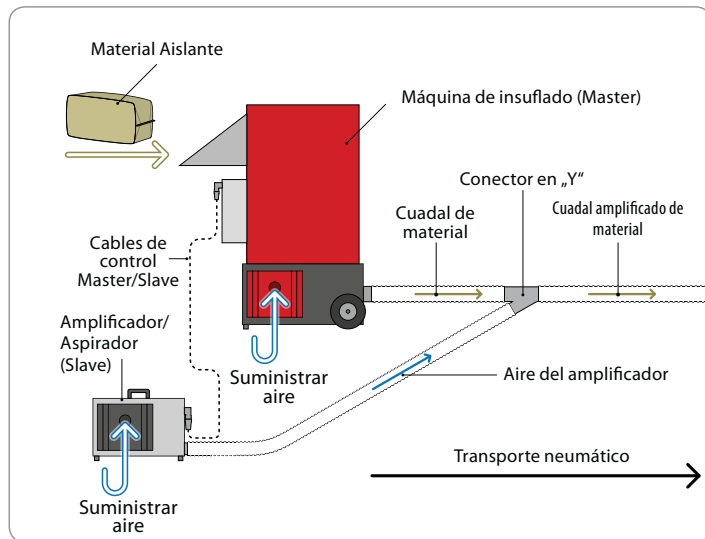
| Amplificadoras y aspiradoras | | | | |
|---|--|--|-----------------------------|-----------------------------|
| Tipo | VS28 | VS33 | VS40 | VS55 |
| Número de artículo | 2711 | 5855 | 8336 | 6348 |
| Amplificar potencia / Aspirar | ●/● | ●/● | ●/● | ●/● |
| Aspiración de polvo activa | ● | ● | ● | ● |
| Regulación continua de potencia | ● | ● | ● | ● |
| Sincronización con Máquina | ● | ● | ● | ● |
| Control remoto | ● | ● | ● | ● |
| Potencia | 2,8 kW | 3,3 kW | 4,0 kW | 5,5 kW |
| Sobrepresión max. | 330 mbar | 370 mbar | 430 mbar | 550 mbar |
| Presión al vacío max. | 300 mbar | 340 mbar | 380 mbar | 500 mbar |
| Caudal max. (nominal/medido) | 440 / 400 m ³ /h | 490 / 470 m ³ /h | 430 / 390 m ³ /h | 390 / 350 m ³ /h |
| Unidad de alimentación de aire | compresores radiales de alto rendimiento | compresores radiales de alto rendimiento | Turbina | Turbina |
| Aptitud Máquina de soplado de aislamiento * | blow-off ≤ 320 mbar | blow-off ≤ 400 mbar | blow-off ≤ 420 mbar | blow-off ≤ 520 mbar |
| Nivel de presión sonora | 80 dB(A) | 78 dB(A) | 90 dB(A) | 95 dB(A) |
| Salida/entrada de aire | NW63 (2½") / NW75 (3") | NW63 (2½") / NW75 (3") | NW63 (2½") / NW75 (3") | NW63 (2½") / NW75 (3") |
| Contador de horas | ○ | ● | ○ | ○ |
| Indicador de alimentación | ○ | ○ | - | - |
| Medidas (a × l × a) | 482 × 358 × 418 mm | 482 × 358 × 418 mm | 600 × 650 × 600 mm | 785 × 700 × 580 mm |
| Peso | 23 kg | 23 kg | 60 kg | 100 kg |

* Presión de salida mínima requerida en la máquina de soplado.
 ○ Opcional disponible.

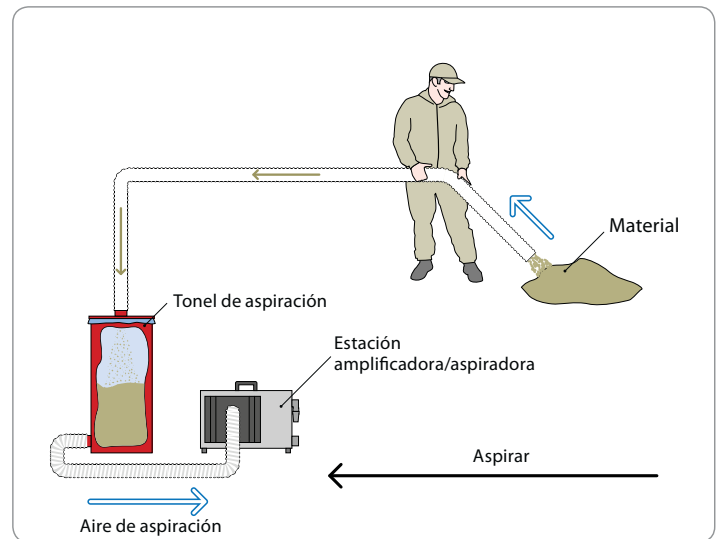
Características



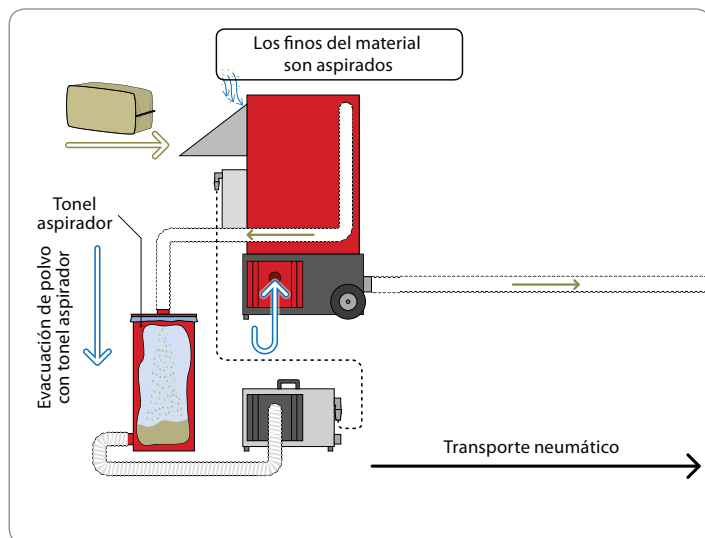
Insuflado amplificado



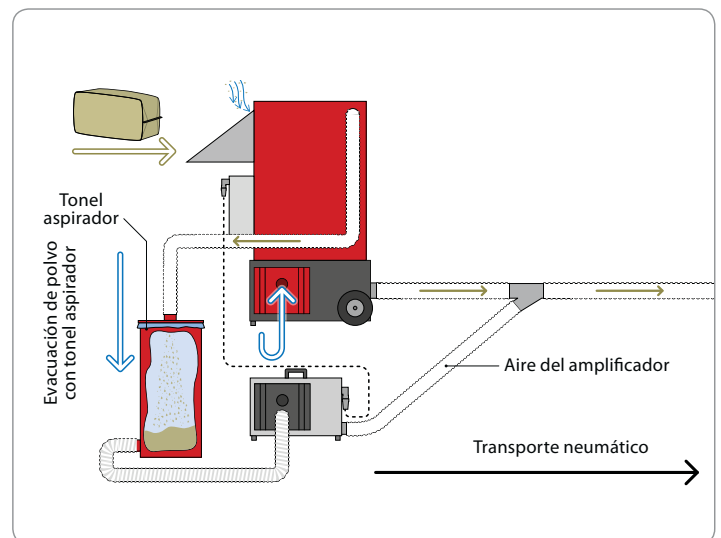
Función de aspiración del amplificador



Retirada de polvo



Insuflado amplificado con retirada de polvo



Juegos y accesorios

| Imagen | Descripción | Número de artículo |
|--------|---|----------------------|
| | VS28 juegos completos 115/250L Consists of amplifier, suction drum and all necessary connector parts | 2886/5017 |
| | VS33 juegos completos 115/250L Consists of amplifier, suction drum and all necessary connector parts | 5939/5940 |
| | Kits de montaje para amplificador M95, EM300, EM400 (NW75 / 3" o NW90 / 3 1/2") M99/EM100 (NW63 / 2 1/2") | 4934 7870 4935 |
| | Cable de mando Master/Slave 5 m 25 m 50 m Otras longitudes a petición! | 1856 1192 1193 |

| Imagen | Descripción | Número de artículo |
|--------|--|----------------------|
| | Toneles de aspiración 115/250L Incl. 5 x woven PP sacks, hose piece, 4 x hose clamps and reducer piece NW75>63/>50 | 1160/3075 |
| | Manómetro, D=117mm Alcance de Medición 0-0.6bar | 7079 |
| | Saco polipropileno 70 x 100 cm 100 x 150 cm | 1085 801 |
| | Stainless Steel Y-Piece NW63/63>63 NW75/63>75 NW90/63>90 | 3955 2221 6670 |

Amplification of the insulation blowing machines' air performances

The insulation blowing machine's air performance can be optimised by using an amplifier-/vacuum station. In order to achieve an effective and trouble-free performance increase of an insulation blowing machine via amplifier-/vacuum station technique, the following basic principles need to be followed:

1. Insulation blowing machine's performance

The dynamic pressure measured at the insulation blowing machine's outlet (p_M) is decisive for achieving an effective amplification effect. Therefore, it's important that the insulation blowing machine has been well maintained. For this, check the air filters, the hosing, the check valves and the airlock sealings for wear and tear and position if necessary. (see "Quick Check-Up for Insulation Blowing Machine")

2. Harmonisation of the dynamic pressure of insulation blowing machine and amplifier-/vacuum station

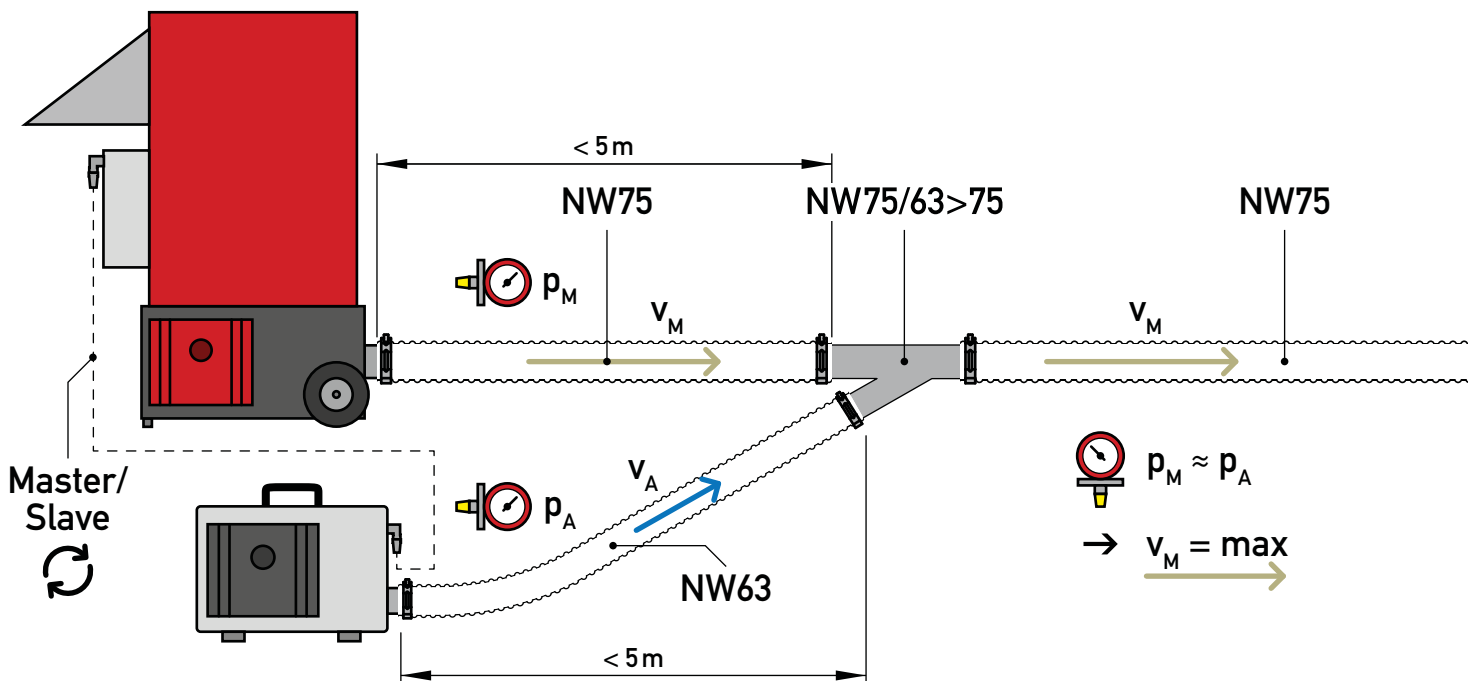
The dynamic pressure measured at the machine's outlet (p_M) must correspond approximately with the amplifier-/vacuum station's pressure (p_A) ($\pm 10\%$).

Note: In case of strongly divergent dynamic pressures (p_M), undesired backflows towards the insulation blowing machine or towards the amplifier-/vacuum station can appear. The desired amplification effect will not be achieved.

3. Synchronisation of the insulation blowing machine and the amplifier-/vacuum station

An interlinked system, consisting of insulation blowing machine and amplifier-/vacuum station, enables a synchronous operation (Master/Slave) of both machines. If the machines will not be synchronised properly to each other, disturbances can occur due to undesirable material backlogs (blockages) even after a short amount of time.

Every X-Floc insulation blowing machines is equipped with an auxiliary power socket which enables a connection of the amplifier-/vacuum station to the machine via control cable (Master/Slave). The start- and stop signals as well as the performance settings of the insulation blowing machine's air feed units to the amplifier-/vacuum station will be transmitted via this connection. When using insulation blowing machines of other brands, a suitable auxiliary power socket has to be reinstalled if necessary in order to operate this machine with an amplifier-/vacuum station, too.



Concesionario autorizado de X-Floc

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