



CATALOGUE # 1.0

VAC-SERIES STATIONARY ABRASIVE  
RECOVERY SYSTEMS, COMPONENT  
FOR EQUIPPING A BLAST ROOM

## VAC-5 Abrasive Recovery System



VAC-5 abrasive recovery system is an electrically operated vacuum suction system with an integrated high-performance cartridge filter with pulse-jet cleaning, an abrasive storage tank for automatic refilling of the blast pot (mounted directly on the Contracor Z-200 series blast pot), floor hopper, suction hoses.

### Technical data:

| Technical data:                   | VAC-5              |
|-----------------------------------|--------------------|
| Rated voltage, phase/V/Hz         | 3/380-420/50       |
| Drive power, kW                   | 5,5                |
| Sound pressure level, dB(A)       | 72                 |
| Max. length suction hose, m       | 10                 |
| Performance, tonnes / hour        | 4,0                |
| Max. grain size by steel shot, mm | G 40 (0,30 - 0,80) |
| Filter area, m2                   | 7,5                |
| Filtering media                   | Polyester          |
| Mass, kg                          | 460                |

## Functional features:

Compact system; Electric powerful vacuum pump; High output up to 4 tons per hour; - Cartridge filter with automatic pulse cleaning; Suitable for retrofitting to an existing Contracor Z-200 blast pot; Optionally with hand-held suction tube with support wheels and handle.

VACUUM PUMP



With a continuous re-use of recycled blast media, economical operation is ensured, with the system enabling a recovery of up to 4 tons per hour over a distance of up to 10 metres.

CARTRIDGE FILTRE



Cartridge filter with automatic pulse cleaning.

CONTRACOR Z-200  
BLAST POT



mounted directly on the Contracor Z-200 series blast pot.

VACS



Optionally with hand-held suction tube with support wheels and handle.

## Application:

The VAC-5 blast media recovery system is specially designed for the recirculation of used blast media so that it can be processed and reused. The used blasting media is sucked in by the vacuum suction system via an abrasive storage tank, where it is separated from the dust by an air flow and also cleaned. The abrasive storage tank sits directly above the blast pot, into which the cleaned blast media falls and can be used again immediately.

With a continuous re-use of recycled blast media, economical operation is ensured, with the system enabling a recovery of up to 4 tons per hour over a distance of up to 10 metres. Despite its high performance, it is a compact system which, due to its small size, offers a very high level of flexibility and is ideal for applications with limited space.

## Order data:

| Order code | Model                       | Description   |
|------------|-----------------------------|---|
| 10300100   | VAC-5                       | Vacuum abrasive recovery system, 5.5kW power, 3m rubber suction hose I.D.=63.5mm (2.1/2") |
| 41200008   | Suction hose, sold by metre | Suction hose I.D.=63.5mm (2.1/2"), abrasion-resistant rubber, 1m                          |
| 10300400   | Suction tube                | Suction tube with support wheels and handle, 10m PU suction hose                          |

## VAC-5S Abrasive Recovery System with dust pre-separator CS-500



VAC-5S blast media recovery system is an electrically operated vacuum suction system, specially developed for use with mineral blast media, which usually cause higher dust formation.

VAC-5S blast media recovery system is equipped with an integrated high-performance cartridge filter with pulse-jet cleaning, a stand-alone dust pre-separator SC-500 with manual emptying, an abrasive storage tank for automatic refilling of the blast pot (mounted directly on the Contracor Z-200 series blast pot), floor hopper, suction hoses.

### Technical data:

| Technical data:                   | VAC-5S             |
|-----------------------------------|--------------------|
| Rated voltage, phase/V/Hz         | 3/380-420/50       |
| Drive power, kW                   | 5,5                |
| Sound pressure level, dB(A)       | 72                 |
| Max. length suction hose, m       | 10                 |
| Performance, tonnes / hour        | 3,5                |
| Max. grain size by steel shot, mm | G 40 (0,30 - 0,80) |
| Filter area, m2                   | 7,5                |
| Filtering media                   | Polyester          |
| Mass, kg                          | 500                |

## Functional features:

Compact system; Electric powerful vacuum pump; Effective dust pre-separator SC-500; High performance with up to 4 tons per hour and/or up to 10m distance; Cartridge filter with automatic pulse cleaning; Suitable for retrofitting existing Contracor Z-200 blast pots; Optionally with hand-held suction tube with support wheels and handle.

VACUUM PUMP



With a continuous re-use of recycled blast media, economical operation is ensured, with the system enabling a recovery of up to 4 tons per hour over a distance of up to 10 metres.

SC-500



The blasting media is sucked in by the vacuum suction system via a stand-alone dust pre-separator SC-500 and the blasting media suitable for reuse is separated from the unusable medium.

CONTRACOR Z-200  
BLAST POT



mounted directly on the Contracor Z-200 series blast pot.

VACS



Optionally with hand-held suction tube with support wheels and handle.

## Application:

The VAC-5S Abrasive Recovery System is specifically designed to recycle reusable mineral blast media for reprocessing and reuse. The blasting media is sucked in by the vacuum suction system via a stand-alone dust pre-separator SC-500 and the blasting media suitable for reuse is separated from the unusable medium.

The reusable blast media is now sucked into the abrasive storage tank where it is separated from the remaining dust and contaminants by an air flow. The abrasive storage tank sits directly above the blast pot, into which the cleaned blast media falls and can be used again immediately. With a continuous re-use of recycled blasting media, economical operation is ensured, with the system enabling recovery of up to 4 tons of mineral blasting media per hour over a distance of up to 10 metres. Despite its high performance, it is a compact system which, due to its small size, offers a very high level of flexibility and is ideal for applications with limited space. An optional hand-held suction tube with support wheels and handle allows flexible use in areas of the blast room that are difficult to access.

## Order data:

| Order code | Model                       | Description  |
|------------|-----------------------------|--|
| 10300110   | VAC-5S                      | Vacuum abrasive recovery system, 5.5kW power, with additional dust pre-separator SC-500, 3m rubber suction hose I.D.=63.5mm (2.1/2") |
| 41200008   | Suction hose, sold by metre | Suction hose I.D.=63.5mm (2.1/2"), abrasion-resistant rubber, 1m   |
| 10300400   | Suction tube                | Suction tube with support wheels and handle, 10m PU suction hose   |

## VAC-7 Abrasive Recovery System with increased suction and cleaning performance



VAC-7 abrasive recovery system is an electrically operated vacuum abrasive recovery system, equipped with an extra powerful side channel blower and a highly effective cascade cleaner. Compared to the regular VAC-5 version, the VAC-7 abrasive recovery system has increased suction power and better cleaning performance.

VAC-7 blast media recovery system is equipped with an integrated high-performance cartridge filter with pulse-jet cleaning, an abrasive storage tank with cascade cleaner for automatic refilling of the blast pot (mounted directly on the Contracor Z-200 series blast pot), floor hopper, suction hoses.

### Technical data:

| Technical data:                   | VAC-7              |
|-----------------------------------|--------------------|
| Rated voltage, phase/V/Hz         | 3/380-420/50       |
| Drive power, kW                   | 7,5                |
| Sound pressure level, dB(A)       | 72                 |
| Max. length suction hose, m       | 10                 |
| Performance, tonnes / hour        | 4,0                |
| Max. grain size by steel shot, mm | G 40 (0,30 - 0,80) |
| Filter area, m2                   | 7,5                |
| Filtering media                   | Polyester          |
| Mass, kg                          | 440                |

## Functional features:

Compact system; Electric powerful vacuum pump; Extra high output up to 5 tons per hour; Suction hose up to 20m long; Cartridge filter with automatic pulse cleaning; Suitable for retrofitting to existing Contracor Z-200 blast pots; Optionally with hand-held suction tube with support wheels and handle.

**VACUUM PUMP**



With a continuous re-use of recycled blast media, economical operation is ensured, with the system enabling a recovery of up to 4 tons per hour over a distance of up to 10 metres.

**CARTRIDGE FILTRE**



Cartridge filter with automatic pulse cleaning.

**CONTRACOR Z-200  
BLAST POT**



mounted directly on the Contracor Z-200 series blast pot.

**SUCTION HOSE**



Optionally with hand-held suction tube with support wheels and handle.

## Application:

The VAC-7 Abrasive Recovery System is specially designed to recycle used blast media for reprocessing and reuse. The blast media is sucked into the abrasive storage tank by the vacuum suction system via the cascade cleaner, where it is separated from dust and contaminants. The abrasive storage tank sits directly above the blast pot, into which the cleaned blast media falls and can be used again immediately.

With a more powerful side channel compressor, the system enables recovery of up to 5 tons per hour at a distance of up to 20 meters. Despite its high performance, it is a compact system which, due to its small size, offers a very high level of flexibility and is ideal for applications with limited space.

## Order data:

| Order code | Model                       | Description   |
|------------|-----------------------------|---|
| 10300200   | VAC-7                       | Vacuum abrasive recovery system, power 7.5kW, with cascade cleaner, 4m rubber suction hose I.D.=63.5mm (2.1/2") |
| 41200008   | Suction hose, sold by metre | Suction hose I.D.=63.5mm (2.1/2"), abrasion-resistant rubber, 1m  |
| 10300400   | Suction tube                | Suction tube with support wheels and handle, 10m PU suction hose  |



## VAC-7S Abrasive Recovery System with increased suction and cleaning performance, with dust pre-separator CS-500



VAC-7S Abrasive Recovery System is an electrically operated vacuum blast media recovery system specially designed for use with mineral blasting abrasives, which tend to cause higher levels of dust generation.

The VAC-7S abrasive recovery system is equipped with an extra powerful side channel blower, an integrated powerful cartridge filter with pulse-jet cleaning, a stand-alone dust pre-separator SC-500 with manual emptying, an abrasive storage tank with a highly effective cascade cleaner for automatic refilling of the blast pot (mounted directly on the Contracor Z-200 series blast pot), floor hopper, suction hoses.

### Technical data:

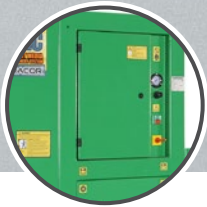
| Technical data:                   | VAC-7S             |
|-----------------------------------|--------------------|
| Rated voltage, phase/V/Hz         | 3/380-420/50       |
| Drive power, kW                   | 7,5                |
| Sound pressure level, dB(A)       | 72                 |
| Max. length suction hose, m       | 10                 |
| Performance, tonnes / hour        | 3,5                |
| Max. grain size by steel shot, mm | G 40 (0,30 - 0,80) |
| Filter area, m <sup>2</sup>       | 7,5                |
| Filtering media                   | Polyester          |
| Mass, kg                          | 480                |



## Functional features:

Compact system; Electric powerful vacuum pump; Effective dust pre-separator SC-500; High performance with up to 5 tons per hour and/or up to 20m distance; Cartridge filter with automatic pulse cleaning; Suitable for retrofitting existing Contracor Z-200 blast pots; Optionally with hand-held suction tube with support wheels and handle.

**VACUUM PUMP**



With a continuous re-use of recycled blast media, economical operation is ensured, with the system enabling a recovery of up to 4 tons per hour over a distance of up to 10 metres.

**CARTRIDGE FILTRE**



Cartridge filter with automatic pulse cleaning.

**CONTRACOR Z-200  
BLAST POT**



mounted directly on the Contracor Z-200 series blast pot.

**SC-500**



The blasting media is sucked in by the vacuum suction system via a stand-alone dust pre-separator SC-500 and the blasting media suitable for reuse is separated from the unusable medium.

## Application:

The VAC-7S Abrasive Recovery System is specifically designed to recycle reusable mineral abrasive media for reprocessing and reuse. The abrasive media is sucked in by the vacuum suction system via a stand-alone dust pre-separator SC-500 and the abrasive media suitable for reuse is separated from the unusable medium.

The reusable abrasive media is now sucked into the abrasive storage tank via a cascade cleaner, where it is separated from dust and dirt. The Abrasive storage tank sits directly above the blast pot, into which the cleaned, recycled blast media falls and can be used again immediately. With a continuous reuse of recycled abrasive media, economical working is ensured, with the system enabling the recovery of up to 5 tons of mineral blasting abrasive per hour at a distance of up to 20 metres. Despite its high performance, it is a compact system which, due to its small size, offers a very high level of flexibility and is ideal for applications with limited space. An optional hand-held suction tube with support wheels and handle allows flexible use in areas of the blast room that are difficult to access.

## Order data:

| Order code | Model                       | Description   |
|------------|-----------------------------|---|
| 10300210   | VAC-7S                      | Vacuum blast media recovery system, power 7.5kW, with cascade cleaner, with additional dust pre-separator SC-500, 4m rubber suction hose I.D.=63.5mm (2.1/2") |
| 41200008   | Suction hose, sold by metre | Suction hose I.D.=63.5mm (2.1/2"), abrasion-resistant rubber, 1m  |
| 10300400   | Suction tube                | Suction tube with support wheels and handle, 10m PU suction hose  |

## VAC-7H Abrasive Recovery System with a free standing storage silo



VAC-7H blast media recovery system is an electrically operated vacuum blast media recovery system, equipped with a 0.3 m<sup>3</sup> free-standing storage silo and an extra powerful side channel blower. The VAC-7H Abrasive Recovery System can be universally used for recycling for further reuse or for a Big Bag filling station for disposal.

VAC-7H blast media recovery system is equipped with an integrated high-performance cartridge filter with pulse-jet cleaning, a 0.3 m<sup>3</sup> free-standing storage silo for manual refilling of the blast pot (manual shut-off valve), floor hopper, suction hoses.

### Technical data:

| Technical data:                   | VAC-7H             |
|-----------------------------------|--------------------|
| Rated voltage, phase/V/Hz         | 3/380-420/50       |
| Drive power, kW                   | 7,5                |
| Sound pressure level, dB(A)       | 72                 |
| Max. length suction hose, m       | 10                 |
| Performance, tonnes / hour        | 4,0                |
| Max. grain size by steel shot, mm | G 40 (0,30 - 0,80) |
| Filter area, m <sup>2</sup>       | 7,5                |
| Filtering media                   | Polyester          |
| Mass, kg                          | 525                |

## Functional features:

Universal system for reuse or disposal; Electric powerful vacuum pump; Extra high performance up to 5 tons per hour; Suction hose up to 20m long; Cartridge filter with automatic pulse cleaning; Suitable for retrofitting existing blast pots; Optionally with hand-held suction tube with support wheels and handle.

**VACUUM PUMP**



With a continuous re-use of recycled blast media, economical operation is ensured, with the system enabling a recovery of up to 4 tons per hour over a distance of up to 10 metres.

**CARTRIDGE FILTRE**



Cartridge filter with automatic pulse cleaning.

**CONTRACOR Z-200  
BLAST POT**



mounted directly on the Contracor Z-200 series blast pot.

**VACS**



Optionally with hand-held suction tube with support wheels and handle.

## Application:

The VAC-7H Abrasive Recovery System is specifically designed to recycle used blast media for reprocessing and reuse or disposal. The blast media is sucked into the free-standing storage silo by the vacuum suction system, from where it either falls into a blasting pot below for reuse or into a big bag for disposal.

With a more powerful side channel compressor, the system enables recovery of up to 5 tons per hour at a distance of up to 20 meters. Despite its high performance, it is a compact system which, due to its small size, offers a very high level of flexibility and is ideal for applications with limited space.

## Order data:

| Order code | Model                       | Description   |
|------------|-----------------------------|---|
| 10300500   | VAC-7H                      | Vacuum abrasive recovery system, power 7.5kW, with 0.3 m <sup>3</sup> free-standing storage silo, 5m rubber suction hose I.D.=63.5mm (2.1/2") |
| 41200008   | Suction hose, sold by metre | Suction hose I.D.=63.5mm (2.1/2"), abrasion-resistant rubber, 1m  |
| 10300400   | Suction tube                | Suction tube with support wheels and handle, 10m PU suction hose  |

## VAC-7HS Abrasive Recovery System with a free-standing storage silo, with CS-500



VAC-7HS blast media recovery system is an electrically operated vacuum blast media recovery system, specially developed for use with mineral blast media, which usually cause higher dust formation.

The VAC-7HS blast media recovery system is equipped with an extra powerful side channel blower, an integrated powerful cartridge filter with pulse-jet cleaning, a stand-alone dust pre-separator SC-500 with manual emptying, a 0.3 m<sup>3</sup> free-standing storage silo for manual refilling of the blast pot (manual shut-off flap), floor hopper, suction hoses. The VAC-7HS blast media recovery system can be used universally for recycling for further reuse or for a big bag filling station for disposal of the mineral blast media.

### Technical data:

| Technical data:                   | VAC-7HS            |
|-----------------------------------|--------------------|
| Rated voltage, phase/V/Hz         | 3/380-420/50       |
| Drive power, kW                   | 7,5                |
| Sound pressure level, dB(A)       | 72                 |
| Max. length suction hose, m       | 10                 |
| Performance, tonnes / hour        | 3,5                |
| Max. grain size by steel shot, mm | G 40 (0,30 - 0,80) |
| Filter area, m <sup>2</sup>       | 7,5                |
| Filtering media                   | Polyester          |
| Mass, kg                          | 565                |

## Functional features:

Universal system for reuse or disposal; Electric powerful vacuum pump; Extra high performance up to 5 tons per hour; Suction hose up to 20m long; Cartridge filter with automatic pulse cleaning; Suitable for retrofitting existing blast pots; Optionally with hand-held suction tube with support wheels and handle.

VACUUM PUMP



With a continuous re-use of recycled blast media, economical operation is ensured, with the system enabling a recovery of up to 4 tons per hour over a distance of up to 10 metres.

CARTRIDGE FILTRE



Cartridge filter with automatic pulse cleaning.

SC-500



The blasting media is sucked in by the vacuum suction system via a stand-alone dust pre-separator SC-500 and the blasting media suitable for reuse is separated from the unusable medium.

VACS



Optionally with hand-held suction tube with support wheels and handle.

## Application:

The VAC-7HS Abrasive Recovery System is specifically designed to recycle reusable mineral blast media for treatment and reuse or disposal. The blast media is sucked in by the vacuum suction system via a stand-alone dust pre-separator SC-500 and the blast media suitable for reuse is separated from the unusable medium.

The reusable blast media is now sucked into the abrasive storage silo, where it is separated from dust and contaminants. From the free-standing storage silo, the collected blast media can be returned to the blast pot for reuse or to a big bag for disposal. The system enables a return of up to 5 tons of mineral blast media per hour over a distance of up to 20 meters. An optional hand-held suction tube with support wheels and handle allows flexible use in areas of the blast room that are difficult to access.

## Order data:

| Order code | Model                       | Description   |
|------------|-----------------------------|---|
| 10300510   | VAC-7H                      | Vacuum blast media recovery system, power 7.5kW, with 0.3 m <sup>3</sup> free-standing storage silo, with additional dust pre-separator SC-500, 5m rubber suction hose I.D.=63.5mm (2.1/2") |
| 41200008   | Suction hose, sold by metre | Suction hose I.D.=63.5mm (2.1/2"), abrasion-resistant rubber, 1m  |
| 10300400   | Suction tube                | Suction tube with support wheels and handle, 10m PU suction hose  |

This Catalogue is valid from 01.03.2024.

All previous catalogues lose their validity with the publication of the new catalogue. Technical characteristics, specifications and details published in this catalogue are subject to change without notice.

Contracor GmbH.

Copyright © Contracor ®. All rights reserved.

[www.contracor.de](http://www.contracor.de)