

S O L O[®]

RESCUE



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GRANULDISK[®]



Solo Rescue[®]

*Simple decontamination
Better working environment
Fewer health risks*



GRANULDISK[®]

"Everything is clean and free from contamination in just a few minutes."



Contaminated gear a constant health risk

SCBA (Self Contained Breathing Apparatus) and protective gear is a life insurance for firemen in their daily work saving the life of others.

On an emergency call, soot particles and combustion gases are absorbed by the protective gear, contaminating it and it now poses a health risk. Therefore, it's important to take care of and decontaminate the gear immediately upon return to the station.

Cleaning by hand is time consuming, hard work and poses a health risk

Cleaning contaminated gear by hand takes time (about 35 minutes/set) and is hardly what you want to be doing after a demanding operation in the field.

Cleaning by hand also means that the crew is yet again exposed to the residues from combustion gases, soot particles and toxins. Only this time, unprotected.

Studies have shown that firemen are more likely to suffer from cancer after prolonged exposure on the job than other professional groups. Establishing procedures to handle contaminated gear in a controlled and suitable way, is one way of minimising the risks.

Solo Rescue®

- clean gear in a few minutes

Solo Rescue® industrial cleaning machines scrub SCBA smokediver gear (steel, composite, rubber, fabric, plastic etc.) clean from residues of combustion gases, soot particles and toxins in just a few minutes in a mechanical and self-contained process.

Improved working environment and minimised contact time

Solo Rescue® offers an ergonomic cleaning method that makes all manual work superfluous. The gear is cleaned in a sealed compartment and minimises contact time with contaminated material.

The Solo Rescue contributes to a significantly improved working environment for rescue service personnel.

Developed in

The solution was developed in close contact with the Swedish Rescue Services to meet the needs for cleaning contaminated equipment in the best way possible. Solo Rescue have a specially adapted interior and accessories to ease the cleaning of SCBA, gloves, boots and helmets.

About GRANULDISK

GRANULDISK has been manufacturing and selling industrial cleaning machines to the catering industry for more than 25 years, but is also a supplier of special industrial applications.

Technical specification

Fits in less than 1 m²

Solo Rescue® is a compact machine with a lower door that folds out, acting as a loading table when opened. The machine occupies less than 1 m² of space.

Self-contained cleaning process

The entire cleaning process is carried out inside in the machine, ensuring minimum contact time for the staff.

Two efficient wash programmes

Clean gear in just a few minutes. Choose between programme for Gloves & Helmets or SCBA.

Cold water connection (standard)

3-ph/400 V/50Hz - other electrical demands available on request

Wash programme lengths	2 min (gloves/helmets/boots) 5 min (SCBA)
Normal capacity per hour programme length incl. handling	20 SCBA* or up to 100 helmets, or up to 160 pairs of gloves, or 60 pairs of boots
Wash / rinse temperature	50-60 °C
Water supply	3-10 °dH
Pressure, incoming water	1-6 bar
External dimensions H x W x D	mm: 1744 (open 2084) x 1025 x 887 (open 1316)
Maximum power	16,5 kW
Fuse	32 A

* single or double cylinders, with or without breathing mask.

“Fire fighter proof” and easy to use

- developed to fit the Fire Rescue Services



The special basket is used at all times, paired with the different accessories to wash different gear; the holders for the SCBA's are placed over the centre loop of the basket, while the holder for gloves, helmets and boots is placed in the bottom of the basket.

Clean 20 SCBA per hour with the included accessories

The special basket and a holder for single & double cylinders are included in standard delivery of Solo Rescue® machines and has the capacity to clean up to 20 SCBA per hour.

The holder can be replaced with the optional add-on Holder for Jumbo Cylinders (see bottom of page).

100 helmets, 160 pairs of gloves or 60 pairs of boots

Use this semicircular accessory to load and wash helmets, gloves and boots. Place in the base of the special basket. Full capacity requires 2 pcs.

Capacity, Helmets/h:

- 1 accessory: up to 60 helmets
- 2 accessories: up to 100 helmets (max. 5 helmets/basket)

Capacity, gloves/h:

- 1 accessory: up to 80 pairs of gloves
- 2 accessories: up to 160 pairs of gloves

Capacity, boots/h:

- 1 accessory: up to 30 pairs of boots
- 2 accessories: up to 60 pairs of boots

Calculation of capacity includes time for loading and unloading.



All you need to clean single- & double cylinder SCBA's is included with standard delivery of Solo Rescue®.



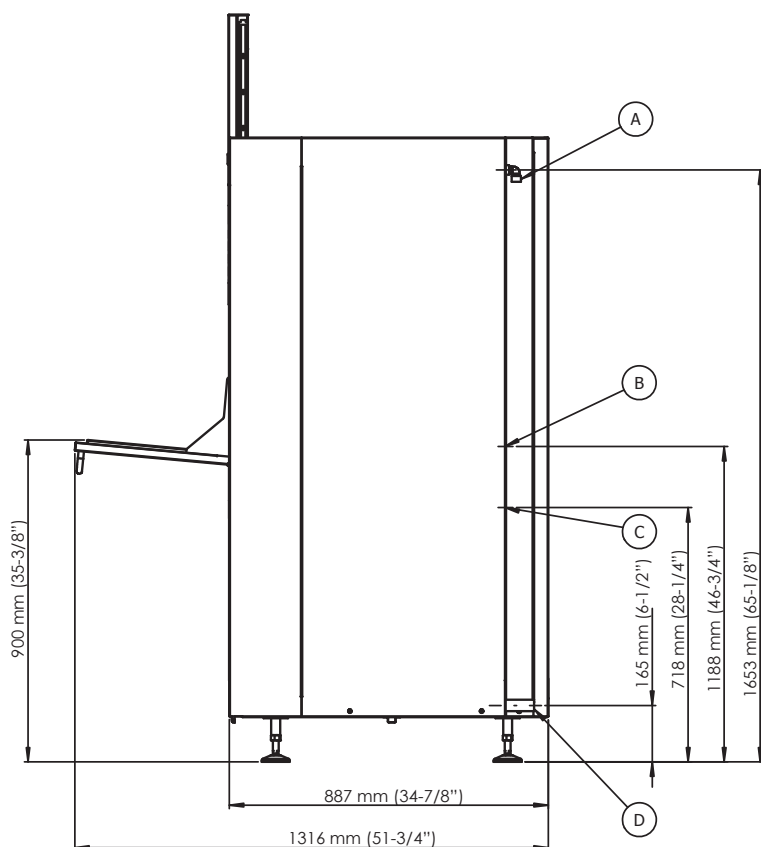
Complete your setup with a holder for jumbo cylinders...

OPTIONAL

... and a holder for gloves, helmets and boots.



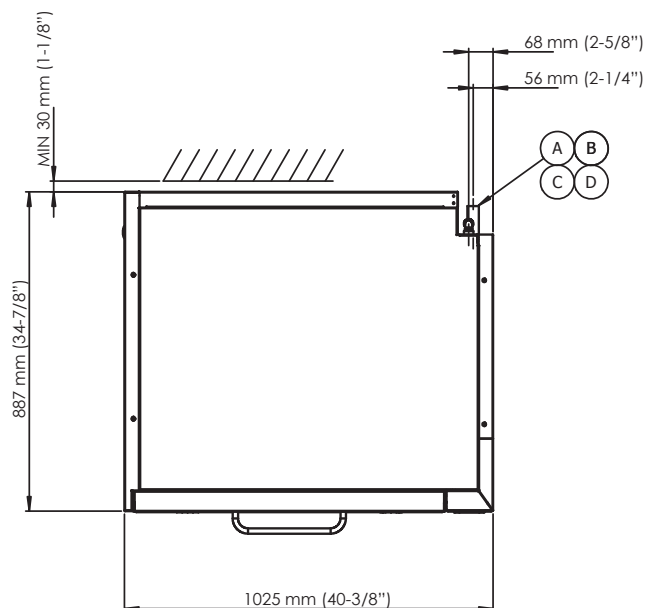
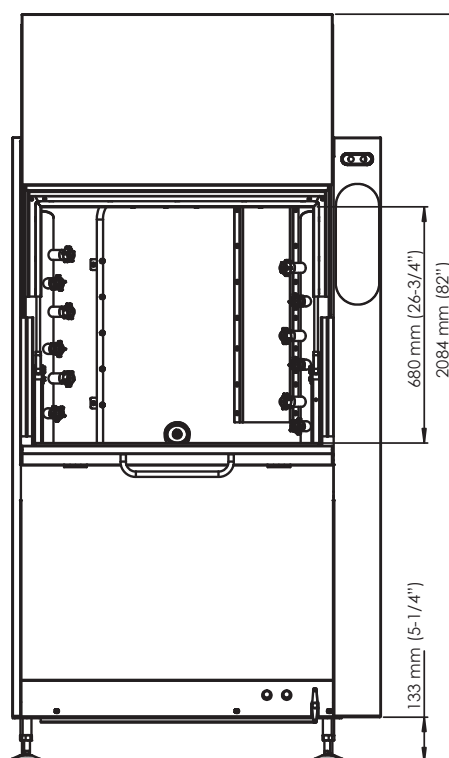
Installation drawing



N.B. All dimensions from floor +/- 25 mm (due to adjustable feet)

- A Water connection:** 3-10 °dH, 15 l/min
- B Detergent connection**
- C Electrical connection:** 32 A
- D Drain:** Ø 32 mm. Minimum capacity 50 l/min

N.B. Ventilation capacity: 500 cbm/h.
(An extraction hood is recommended for low ceiling heights - consult with your contact at GRANULDISK.)



Want to know more or see the machine in operation?

Book a Live Wash™ at www.solo rescue.com or contact us:

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♥ We support
cancer research 2013



GRANULDISK®

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GRANULDISK is ISO 9001:2008 and ISO 14001:2004 certified.

