

STATIONARY POWDER FILLING UNITS

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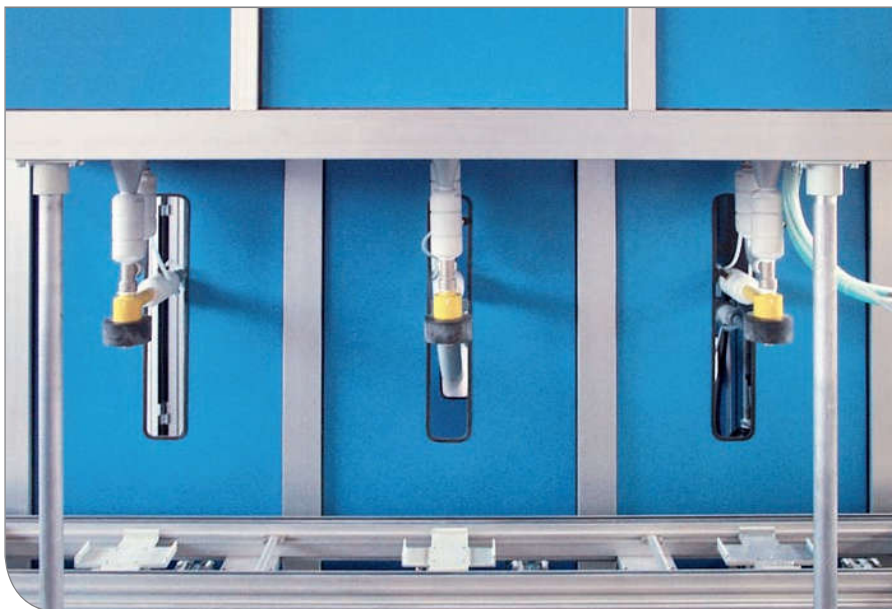
SPS-controlled fire extinguisher filling plant AMK-500 TRIO –
belt system facilitates the filling techniques reliable and precise.



The automatic EMDE – SPS-controlled fire extinguisher filling plant AMK-500 TRIO – belt system and the Siemens-SPS-control with EMDE-software guarantee a high operational reliability in the filling of fire extinguishers.

The compact construction of the AMK-500 TRIO demands a low space requirement in the production plant. The working stations of filling, processing and final completion of the fire extinguisher are coordinated with the production process to secure the quality standards as well as the productivity. All components are manufactured according to the standards for unitries and convince by its safety standards beyond the requested standards.

Operation of the AMK-500 TRIO guided by menu, compact and easy to survey by Siemens-Touch PC.



- » Absolute dustless filling procedure
- » Modular construction enables variable extension according to customer concern
- » Control of the complete procedure by sensor technology
- » Large fire fighting appliances can be filled by additional adaptor outside of the unit
- » Three disjoined filling positions
- » Variable height adjustment of filling head driven by spindle in case of change of fire extinguisher model
- » Three integrated filter tanks with automatic filter cleaning
- » Three universal filling heads appropriate for all fire extinguisher openings
- » Automatic dosing for 1 – 12 kg with control weighing
- » Filling and final completion with three workmen
- » Powder filling capacity: approx. 1500 pcs. per day à 8 hours according to powder quality*

* Theoretically calculated numerical value for powder filling without moving and handling time.

Advantages at one sight:

- » Own research and development
- » Job-oriented production according to customers requirements
- » Latest technology
- » Extensive and optimal provision of services
- » Highest cost-effectiveness

The way to economy and precision is achieved by the EMDE – SPS-controlled AMK-500 TRIO fire extinguisher filling plant.

TECHNICAL DATA

SPS-control:	Siemens
Filter system:	self-cleaning, maintenance-free
Vacuum pump:	rotary vane vacuum pumps air-cooled, 63 m ³ /h
Scale:	3 x 60 kg, 10 g resolution
Motor:	three-phase current 400 V, 50 Hz, 32 A
Compressed-air:	8 – 10 bar, 1000 – 1500 l/min
Construction:	aluminium with aluminium casing
Dimensions (l x w x h):	approx. 2000 x 2200 x 4000 mm
Colour:	hammer finish painted blue or according to customer wish

SPS controlled belt system

- » Variable transport pallet dimension up to max. 400 x 400 mm
- » Loading capacity of transport pallet up to 18 kg
- » Variably adjustable speed of the belt (standard speed 6.9 m/min)
- » Individual length of belt due to the modular construction of the single belt segments
- » Subsequent extensibility with additional belt segments
- » Variable, millimeter-exact positioning of STOP-position for working stations

TECHNICAL DATA

Construction:	aluminium with twin-belt conveyor
Transport pallet:	15 pcs.
Pallet insert:	15 pcs. each for 1 kg, 2 kg and 6 kg
Motor:	three-phase current 230/400 V, 50 Hz, 0,43 A, 0,09 kW
Dimensions (l x w x h):	approx. 6100 x 3000 x 600 mm

Valve Screwing Unit AEAE

Automatical EMDE-Valve Screwing Unit, model AEAE

Screwing of the armature is completely automatically and is effected according to the torque or according to the position of the extinguisher. The use of armature with swivel nut is inappropriate for the automatic screwing station.

Adaption and armature screwing is effected by special adaptor and height adjustment by compressed-air cylinder. The requested torque can be selected continuously by frequency converter.

TECHNICAL DATA

Motor:	gear motor 1 kW, 230/400 V, 6 A, 50 Hz, IP 54
Compressed-air:	8 – 10 bar
Telescope:	length for 1 – 12 kg extinguisher
Torque:	adjustable 80 – 250 Nm
Construction:	aluminium with aluminium casing
Dimensions (l x w x h):	approx. 1000 x 500 x 2500 mm
Colour:	hammer finish painted blue or silvergrey

Advantages at one sight:

- » Short time of assembly, operator is only for supervision
- » Without high manual strength
- » Fast and easy handling for changing the screwing adaptor

Nitrogen Filling Units AN2BS

Automatic Nitrogen Filling Unit, model AN2BS for fast pressurizing with nitrogen.

TECHNICAL DATA

Control system:	Siemens SPS – S7
Max. pressure:	max. admitted nitrogen filling pressure 16 bar
Compressed-air:	8 – 10 bar
Construction:	aluminium light profile with steel construction

Advantages at one sight:

- » Sensor-controlled positioning for the different fire extinguishers
- » Automatic alignment of the extinguishers on the pallet
- » Automatic adaptation and filling with nitrogen up to the preset pressure
- » Pressure control by detectors; automatic disconnection of filling valve due to adjustable filling pressure



Multiflex Chain Conveyor

TECHNICAL DATA

Construction:	steel construction made of double-T and U-profiles
Casing:	steel sheet
Conveyor belt:	EMDE-Multiflex approx. 18 m length/55 mm width
Gear motor:	approx. 1 kW, 2 A, IP 54
Pneumatic:	compressed-air cylinder 25/50 mm stroke
Transport pallet:	15 pcs.
Pallet insert:	15 pcs. each for 1 kg, 2 kg and 6 kg
Colour:	hammer finish painted yellow or according to customer wish
Dimensions (l x w x h):	approx. 6000 x 1700 x 600 mm

Optional:
SPS controlled Multiflex Chain Conveyor

Consisting of:

- » Synchronous Multiflex chain conveyor with integrated working stops (speed adjusted to optimum working procedure of the unit)
- » Automatic release of working stops after finished working procedure

Nitrogen-Helium Blender

Nitrogen-Helium Blender

- » Module to generate a composite of nitrogen-helium in a direct continuous operation during filling
- » Integration of this assembly unit to be made at the nitrogen Filling Units AN2BS

- » Continuous adjustment of the mixing ratio by controller
- » Permanent monitoring of inlet pressure for exact gas mixture

BIG-BAG cabine in open construction (as double frame or single frame)

TECHNICAL DATA

Dimensions (l x w x h):	approx. 700 x 400 x 800 mm
Weight:	approx. 60 kg
Motor:	230 V, 16 A, 50 Hz
Inlet pressure:	at least 25 bar
Single frame	Dimensions: approx. 1800 x 1800 x 41000 mm Burden: 1250 kg

Construction:

- » Steel construction as supporting element with central space for a BIG-BAG
- » Charging hopper with suction connection for removal of powder from several BIG-BAGs
- » Electric chain pulley with manual push trolley (optional: electric trolley)

A permanently increasing EMDE product range has been developed by the latest technologies, future-orientation and a perfected, innovated team targeted to the requirements of its customers.

Powder filling unit, model DSM



DSM – high-performance stationary filling unit controlled by a computer works with a fully automatical SPS-control system and has the distinction of:

- » The filling of the extinguishers takes place out of a BIG-BAG or a silo through the DSM directly into the extinguisher
- » An integrated highly wear-resistant digital scale guarantees filling accuracy beyond the required EN3-standard
- » The filling time for the extinguisher is according to the filling quantity: 8 – 20 sec. (depending on powder quality!) e.g. 6 kg extinguisher with a filling time of 10 – 15 sec.
- » Only one workman necessary
- » Low space requirement
- » Automatic filter cleaning
- » Filling procedure absolutely dustfree
- » Quick filling of extinguishers from 1 – 12 kg
- » Transportable fire fighting appliances P25 – P250 as well as 1000 kg vehicles are filled dustfree by the DSM by means of filling adaptor

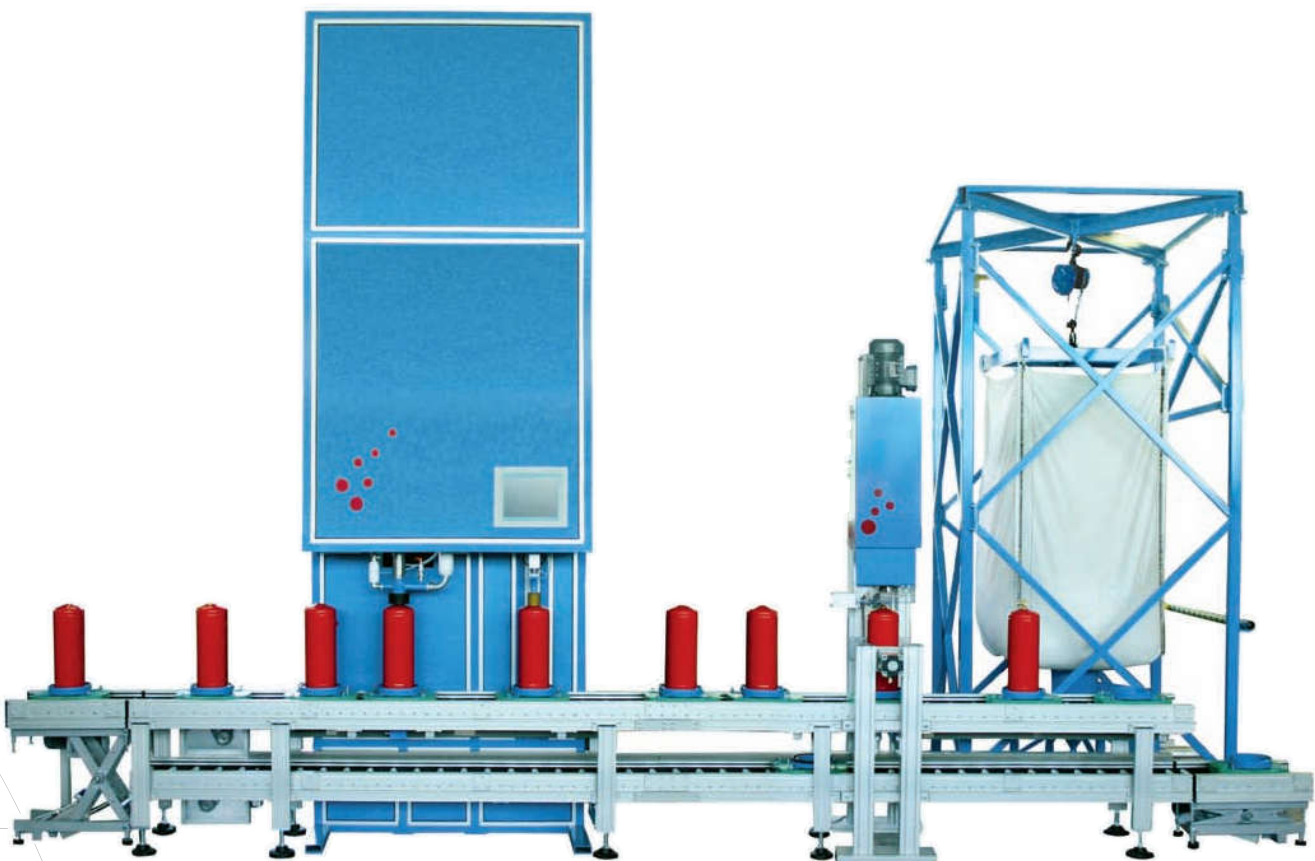
Operation of the DSM guided by menu, compact and easy to survey by Siemens-Touch PC.

TECHNICAL DATA

SPS-control:	SIEMENS-SIMATIC – EMDE-Software
Filter system:	Polyamid-filter self-cleaning, maintenance-free
Vacuum-pump:	nominal Filling capacity 160 m ³ /h, air cooled 3 kW max. ultimate pressure 50 mbar
Control weighing:	calibrated digital scale 60 kg / 10 g resolution
Motor:	three-phase current 230/400V, 50Hz
Compressed-air:	8 – 10 bar / 800 – 1000 l/min
Construction:	aluminium
Dimensions (l x w x h):	approx. 1900 x 1400 x 3900 mm
Colour:	hammer finish painted blue or according to customer wish

Model DSM-NEB is a high-performance, computer controlled, stationary powder filling unit with the latest SPS-computer controlled technology. All adjustments can be made conveniently and easily by Siemens-Touch PC. The unit is equipped with powder suction which cleans the threads for the extinguishers automatically.

The fully automatic, SPS-controlled belt has minimum space requirements due to the two transport levels. The material carrier is transported from one level to the other by a fully automatic lifting gear. Powder filling takes place out of a BIG-BAG. The operation takes place menu-driven by a Siemens-Touch PC.



TECHNICAL DATA

DSM-NEB	Dimensions (l x w x h):	approx. 2000 x 2000 x 3950 mm
	Motor:	230/400 V, 50 Hz, 32 A
	Compressed-air:	6 – 8 bar
	Control-system:	SPS
	Construction:	steel frame with aluminium casing
	Colour:	hammer finish painted blue or silvergrey
Transport Belt	Dimensions (l x w x h):	approx. 6500 x 600 x 800 mm
	Construction:	aluminium
	Control-system:	SPS

The unit is equipped with integrated screwing unit, model AEAE (see page 8) and nitrogen Filling Units, model AN2BS (see page 9)

Accessories available at extra charge:
» BIG-BAG-support with charging hopper



Model DAYNER with belt and lifting system

SPS-controlled powder emptying and filling unit for the exact filling of portable extinguishers of all makes and sizes. The powder is filled directly out of a silo or a BIG-BAG with charging hopper in continuous operation into the extinguisher with the requested weight.

The DAYNER is equipped with an electronic scale which switches off on reaching the preset filling weight. The scale can be programmed with filling weights. These weights can be activated according to weights required and are indicated on operating panel.

BIG-BAG cabine in open construction, expandable with transport belt.

**TECHNICAL DATA**

Filling capacity:	6 kg / 15 – 30 sec (according to powder quality)
Compressed-air:	8 bar
Motor:	1,5 kW
Control weighing:	calibrated digital scale; 60 kg / 10 g resolution
Motor:	three-phase current 400 V, 50 Hz, (optional 1 x 230 V, 50 Hz)
Dimensions (l x w x h):	approx. 1000 x 700 x 3500 mm
Colour:	hammer finish painted blue or silvergrey
Accessory:	BIG-BAG cabine in open or closed version with electrical chain pulley

The SPS-controlled fully automatic powder filling unit, model QUESTER is made for the filling of extinguishers from 1 – 12 kg as well as powder tanks of powder extinguisher units.



The unit operates within the filling tolerance indicated in the EN3 standards. Adjustment of the value of the filling weight has to be effected at the scale display; adjustment of the filling parameters depending on extinguisher type are effected by the text display. Height adjustment of the weighing platform takes place by screw-drive.

Admitted powder filling weight:
1 – 12 kg
(with an accuracy +/- 10 gramm)

Admitted dimensions of extinguisher:
» diameter: 80 – 360 mm
» total height: 200 – 900 mm

Powder filling takes place externally out of a silo (see page 50) or a BIG-BAG.

TECHNICAL DATA

Dimensions (l x w x h):	approx. 1200 x 800 x 2100 mm
Current supply:	230/400 Volt, 50 Hz
Compressed-air:	6 – 8 bar, approx. 100 l/min
Total weight:	approx. 280 kg
Vacuum pump:	1.5 kW
Weighing accuracy:	+/- 20 Gramm
Filter cleaning:	self-cleaning, elektropneumatic
Filter package:	maintenance free
Colour:	hammer finish painted blue or silvergry

The SPS-controlled fully automatic powder filling unit, model ALVIC is made for filling portable powder extinguisher from 1 kg to 12 kg.



With additional accessories the filling of movable fire fighting appliances is possible.

Filling is absolutely dust-free in vacuum procedure.

Construction of the unit – consisting of:

- » Aluminium-pipeframe with aluminium casing
- » Integrated powder tank with approx. 60 kg capacity
- » Filling automatically by filling level sensors. Powder supply directly from the BIG-BAG through the charging hopper
- » Integrated filter tank
- » Automatic filter cleaning with reuse of powder residues
- » Integrated weighing unit for filling according to the adjusted value
- » Final weight is reached by fine dosing
- » Pneumatic height adjustment by adaptation to the different extinguisher models
- » SPS-controlled filling procedure

TECHNICAL DATA

Dimensions (l x w x h):	approx. 1200 x 1000 x 2200 mm
Capacity	approx. 800 pcs. within a shift of 8 hours (according to powder quality)
Drive:	230/400 V, 16 A, 50 Hz
Compressed-air:	8 – 10 bar



The RAPID-N filling unit accomplishes the requirements of the EN3-norm by speed, precision, economy and cleanness. The RAPID-N fills extinguishers from 1 – 12 kg and larger cylinders by means of special filling adaptor.

The filling takes place by suction out of a silo, BIG-BAG or powder storage container (option – not included) directly into the fire extinguisher without any additional labour.

The filling is absolutely dust-free out of this powder storage directly into the extinguisher.

The precise filling is effected by a digital scale. The requested weight is stored at the scale and after reaching the filling quantity the scale stops automatically.

The height adjustment for different types of extinguisher result manual by pneumatic cylinder.

The RAPID-N can be used by manufacturers of extinguishers, airport-fire brigades, operating fire brigades and service offices.

The RAPID-N is convincing by its technology and shows the possibility within the filling of powder fire extinguisher.



TECHNICAL DATA

Motor-capacity:	2.2 kW
Pump-capacity:	25 kg/min (according to powder quality)
Drive:	230/400 V, 16 A, 50 Hz + N + PE
Compressed-air:	6 – 10 bar
Control:	SPS / Digital scale, precision +/- 10 g
Dimensions (l x w x h):	approx. 1100 x 1000 x 2300 mm
Construction:	steel / aluminium
Colour:	hammer finish painted blue or silver, laquer: powder coated

The PFF-SUMATIC-V100/50 is a movable machine for emptying and filling of portable and mobile fire extinguishers as well as powder fire trucks.



- » Interstorage of max. 50 kg powder inside the machine hopper
- » Appropriate for all types of powder (ABC, BC, etc.)
- » Emptying and filling absolutely dust-free
- » Height adjustment by pneumatic cylinder
- » Easy and convenient handling
- » Maintenance free polythene filter package with pneumatic cleaning

- » Construction: movable compact version (optional: stationary unit)
- » Emptying of extinguisher hoses from 0.6 m to 5.0 m
- » High quality, low noise vacuum pump
- Filling capacity: 30 kg/min (20 kg/min at a filling height of 5 m)
- » two big windows for powder control

The unit is equipped with:

- » abrasion-resistant suction hose, 3 m incl. connection coupling
- » set with 4 suction lances 15, 20, 25 and 30 mm
- » 4 wheels, 2 of them with locking brake
- » robust ball valve on filling and vacuum valve
- » universal rubber filling adaptor for all sizes and types of portable fire extinguisher
- » diagonally positioned, removable sieve (420 mm long), which retains lumps and contamination

Optional available at extra charge:

Unit equipped with storage shelf on the back side; size of shelf (l x w x h): 250 x 750 x 300 mm

TECHNICAL DATA

Construction:	corrosion-free aluminium
Unit hopper:	steel
Motor:	three-phase current 380 V, 50 Hz, 16 A
Compressed-air:	6 – 8 bar
Filling capacity:	30 kg/min
Weight:	approx. 155 kg
Dimensions (l x w x h):	approx. 1100 x 900 x 2000 mm
Colour:	hammer finish painted blue or silvergrey



TOP-Selling Powder Filling Unit: PFF-SUMATIC-SV-100-W

SPS-controlled powder emptying and filling unit for the exact filling of portable extinguishers of all makes and sizes. Filling takes place out of a bag or a fire extinguisher as well as out of an EMDE storage tank (e.g. 250 kg – accessory). The extinguisher is filled directly through the powder filling unit in continuous operation on setting the requested weight.

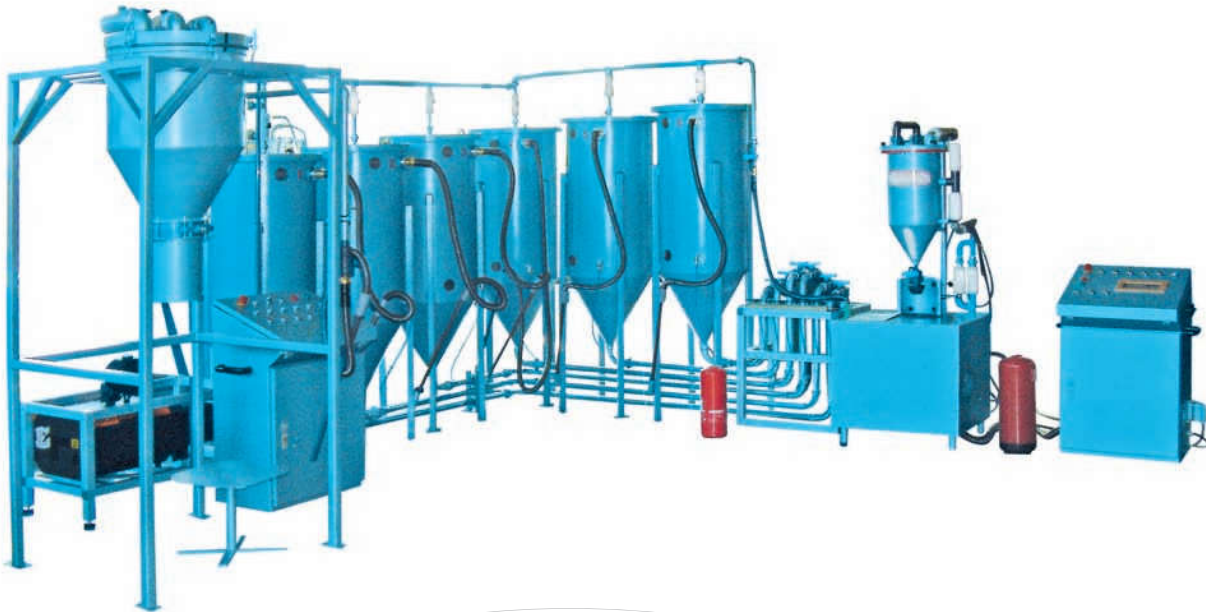
The PFF-SUMATIC-SV-100-W is equipped with an electronic scale which switches off on reaching the preset filling weight. The scale can be programmed with filling weights which can be activated according to weight required.

The weights are indicated on operating panel. The filling of movable extinguishers is to be carried out with the help of a special filling adaptor.

The unit is equipped with:

- » High-quality, self-cleaning filters
- » Programmable digital scale, 10 g resolution for automatic cut-off on reaching the filling weight
- » Powder tank for interstorage of extinguishing powder up to 30 kg
- » Lockable ball valves
- » Pneumatic height adjustment
- » An advantage is the diagonally positioned, removable sieve, which retains lumps and contamination
- » Window for powder control
- » Powder suction hose 32 mm, length 2 m with couplings
- » Connection for fluidisation to aerate the powder inside the storage silo
- » Sound absorber for sound insulation
- » Powerful, low-maintenance vacuum pump





SV-100-W with powder silos and filling rack for old powder

Optional available at extra charge:

- » Silo 250 kg movable (No. 100 330)
- » External floor scale with automatic cut-off feature for filling of movable extinguishers
- » Unit with more silos for different types of powder with manifold and shut-off device

TECHNICAL DATA

Filling capacity:	6 kg / 15 – 30 sec (according to powder quality)
Compressed-air:	5 bar
Motor:	1,5 kW 400 V, 50 Hz (optional three-phase current 230 V, 50 Hz)
Filling capacity:	30 kg/min
Dimensions (l x w x h):	approx. 700 x 800 x 1800 mm
Work height:	max. 2250 mm, lift 4500 mm
Colour:	hammer finish painted blue or silvergrey



The filling rack, model ABF-1000 is for filling the old powder into BIG-BAGs or storage container in a dustless and fast way.



The unit is equipped with:

- » a high quality self-cleaning filter package
- » a powerful, low-maintenance vacuum pump
- » a manually operated shutting flap
- » four robust BIG-BAG loops- fastener
- » High quality steel lance 1200 mm

The emptying of the extinguisher is effected manually directly into the tank by using a suction lance.

Demand for the sucking material:

The filter unit is only appropriate for totally dried and non-aggressive dusts and powder.

Optional available at extra charge:

- » Equipped with pneumatic shutting flap
- » Adaptor for filling of plastic material barrel
- » High quality steel lance with earthed hose

TECHNICAL DATA

Construction:	aluminum construction
Hopper:	metallic glass
Voltage:	230/400 V, 50 Hz, 12 A
Capacity:	35 kg/min
Compressed-air:	6 – 8 bar
Weight:	approx. 390 kg
Dimensions (l x w x h):	approx. 2000 x 1100 x 2800 mm
Colour:	hammer finish painted blue or grey

The mobile filling rack, model AEE-1000-F is for filling the old powder into Big-Bags or storage container in a dustless and fast way.



The unit is equipped with:

- » a high quality self-cleaning filter package
- » four wheels
- » by-pass channel with high suction capacity
- » a manually operated shutting flap
- » four robust BIG-BAG loops- fastener
- » High quality steel lance 1200 mm

The emptying of the extinguisher is effected manually directly into the tank by using a suction lance. Extinguisher under pressure can be emptying direct with a connection into the storage container.

Demand for the sucking material:

The filter unit is only appropriate for totally dried and non-aggressive dusts and powder.

Optional available at extra charge:

- » Equipped with pneumatic shutting flap
- » Adaptor for filling of plastic material barrel
- » High quality steel lance with earthed hose
- » a powerful, low-maintenance vacuum pump

TECHNICAL DATA

Construction:	aluminum construction
Hopper:	metallic glass
Voltage:	230/400 V, 50 Hz, 12 A
Capacity:	30 kg/min
Compressed-air:	6 – 8 bar
Weight:	approx. 300 kg
Dimensions (l x w x h):	approx. 1400 x 1600 x 2750 mm
Colour:	hammer finish painted blue or grey

Unit for disposal of old powder

The PFF-SUMATIC-SWS-600 is a powder suction unit with bag emptying to dispose old powder.

- » Absolute dust free emptying
- » Interstorage up to 100 kg powder
- » Closable ball valve
- » Inspection window for powder control
- » Cleaning of the tank and the filter package effected electrically
- » Guaranteed high capacity in continuous operation
- » Height adjustment by rack worm drive with hand wheel for different dimensions of bags
- » Manually operated butterfly valve

Accessories available at extra charge:

- » Adaptor for filling of plastic material barrel
- » High quality steel lance with earthed hose

Optional:

The PFF-SUMATIC-SWS-600-W is a powder suction unit with bag emptying to dispose old powder for wall installation.

PFF-SWS-600-W

(No. 117 100)



TECHNICAL DATA

Dimensions (l x w x h):	approx. 1300 x 780 x 1800 mm
Motor:	230 V, 8 A, 50 Hz optional 400 V, 6 A
Max. height:	2500 mm
Weight:	approx. 79 kg
Operation:	WITHOUT any vibration
Filling capacity:	25 kg/min
Hopper:	metal
Filter package:	maintenance-free
Filter cleaning:	self-cleaning electrically
Colour:	hammer finish painted blue or silvergrey

Unit for disposal of old powder

The PFF-SUMATIC-SWS-600-E is a ejector driven powder suction unit with bag emptying to dispose old powder.

- » Absolute dust free emptying
- » Interstorage up to 100 kg powder
- » Closable ball valve
- » Inspection window for powder control
- » Cleaning of the tank and the filter package effected electrically
- » Guaranteed high capacity in continuous operation
- » Height adjustment by rack worm drive with hand wheel for different dimensions of bags
- » Manually operated butterfly valve

Accessories available at extra charge:

- » Adaptor for filling of plastic material barrel
- » High quality steel lance with earthed hose

**TECHNICAL DATA**

Compressed-air:	7 bar
Dimensions (l x w x h):	approx. 1300 x 780 x 1800 mm max. height: 2500 mm
Weight:	approx. 55 kg
Operation:	WITHOUT any vibration
Filling capacity:	20 kg/min
Hopper:	metal
Filter package:	maintenance-free
Filter cleaning:	self-cleaning electrically
Colour:	hammer finish painted blue or silvergrey

Model PFF-FLIPP-AIR-MATIC for emptying, filling and sieving procedures of fire extinguishers of all makes and sizes.

- » Emptying and filling absolutely dust-free in continuous operation
- » Interstorage of extinguishing powder up to 12 kg
- » Lockable ball valves
- » Window for powder control
- » Cleaning of filter package and hopper achieved automatically
- » An advantage is the diagonally positioned, removable sieve, which retains lumps and contamination
- » Height adjustment by crank handle



TECHNICAL DATA

Dimensions (l x w x h):	approx. 500 x 500 x 1200 mm
Work height:	approx. 1600 mm
Diameter:	250 mm
Hopper:	metal
Weight:	approx. 30 kg
Operation:	WITHOUT any vibration
Filling capacity:	18 kg/min – 240 mbar
Motor:	230 V, 6 A, 50 Hz
Filter package:	maintenance-free
Filter cleaning:	automatically by AIR-MATIC feature
Colour:	hammer finish painted blue or silvergrey

The mobile powder filling machine model PFF-FLIPP-AIR-MATIC with movable powder storage tank, capacity 50 kg and filling adaptor P50-250N for emptying, filling and sieving procedures of fire extinguishers of all makes and sizes.

The composition of this machine with accessories is sufficient to empty and fill all portable fire extinguishers from 1 kg up to 12 kg and additionally movable 50 kg fire fighting appliances. When using a bigger powder storage tank, it is possible to empty and refilling fire fighting appliances up to 250 kg.

The set is equipped with:

- » 1 piece powder filling machine model PFF-FLIPP-AIR-MATIC
- » 1 piece filling adaptor model P50-250N
- » 1 piece suction hose 32 mm, length 2500 mm
- » 1 piece suction hose 32 mm, length 1500 mm

- » 1 set with 4 pieces suction lance, 16, 20, 25 and 32 mm, length 700 mm
- » 1 piece suction lance 32 mm, length 1200 mm
- » 1 piece powder storage container, movable, capacity 50 kg

Optional available at extra charge:

- » Powder storage tank with higher capacity (100 kg, 250 kg)
- » Powder storage tank tiltable
- » Bag inlet for powder storage tank
- » Floor scale



Model PFF-FLIPP-AIR-MATIC-E for emptying, filling and sieving procedures of fire extinguishers of all makes and sizes.

- » Emptying and filling absolutely dust-free in continuous operation
- » Interstorage of extinguishing powder up to 12 kg
- » Lockable ball valves
- » Window for powder control
- » Cleaning of filter package and hopper achieved automatically
- » An advantage is the diagonally positioned, removable sieve, which retains lumps and contamination
- » Electrical height adjustment



TECHNICAL DATA

Dimensions (l x w x h):	approx. 500 x 500 x 1200 mm
Work height:	approx. 1600 mm
Hopper:	metal
Weight:	approx. 30 kg
Operation:	WITHOUT any vibration
Filling capacity:	18 kg/min
Motor:	230 V, 6 A, 50 Hz
Filter package:	maintenance-free
Filter cleaning:	self-cleaning electrically
Colour:	hammer finish painted blue or silvergrey

Model PFF-FLIPP-EK for emptying, filling and sieving procedures of fire extinguishers of all makes and sizes.

- » Emptying and filling absolutely dust-free in continuous operation
- » Interstorage of extinguishing powder up to 12 kg
- » Lockable ball valves
- » Window for powder control
- » Cleaning of filter package and hopper achieved electrically
- » An advantage is the diagonally positioned, removable sieve, which retains lumps and contamination
- » Motor integrated in a metal housing, which serves as a support during filling procedure



TECHNICAL DATA

Dimensions (l x w x h):	approx. 500 x 600 x 1600 mm
Work height:	approx. 2100 mm
Hopper:	metal
Weight:	approx. 69 kg
Operation:	WITHOUT any vibration
Filling capacity:	20 kg/min
Motor:	230 V, 6 A, 50 Hz, 1.1 kW
Filter package:	maintenance-free
Filter cleaning:	self-cleaning electrically
Colour:	hammer finish painted blue or silvergrey

PFF-FLIPP-EK-N (No. 103 000)

- » Motor 1,5 kW
- » Interstorage of extinguishing powder up to 30 kg
- » Filling capacity 25 kg/min

Model PFF-FLIPP-EK(P) for emptying, filling and sieving procedures of fire extinguishers of all makes and sizes.

- » Emptying and filling absolutely dust-free in continuous operation
- » Interstorage of extinguishing powder up to 12 kg
- » Lockable ball valves
- » Window for powder control

- » Cleaning of filter package and hopper achieved electrically
- » An advantage is the diagonally positioned, removable sieve, which retains lumps and contamination
- « Motor integrated in a metal housing, which serves as a support during filling procedure
- » Height adjustment by pneumatic cylinder



TECHNICAL DATA

Dimensions (l x w x h):	approx. 540 x 600 x 1300 mm
Work height:	approx. 1600 mm, lift 300mm
Hopper:	metal
Weight:	approx. 74 kg
Operation:	WITHOUT any vibration
Filling capacity:	approx. 20 kg/minr
Motor:	230 V, 6 A, 50 Hz
Compressed-air:	approx. 6 – 8 bar
Filter package:	maintenance-free
Filter cleaning:	self-cleaning electrically
Colour:	hammer finish painted blue or silvergrey

PFF-FLIPP-EK(P)-N (No. 109 000)

- » Motor 1,5 kW
- » Interstorage of extinguishing powder up to 30 kg
- » Filling capacity 25 kg/min

Model PFF-FLIPP-EK(W) is a low-noise, movable powder filling unit with transport trolley in compact construction.

**TOP
SELLER**



- » Window for powder control
- » Interstorage of extinguishing powder up to 12 kg
- » Height adjustment by toothed rack worm drive with hand wheel
- » High-capacity exhauster
- » Cleaning of filter package electrically achieved during filling procedure
- » Motor 1,5 kW
- » Interstorage of extinguishing powder up to 30 kg



TECHNICAL DATA

Dimensions (l x w x h):	700 x 550 x 1200 mm
Work height:	approx. 1700 mm
Hopper:	metal
Weight:	approx. 72 kg
Noise level:	74 - 76 dB(A) (according to operation of unit)
Filling capacity:	20 kg/min
Motor:	230 V, 8 A, 50 Hz, 1.1 kW
Filter cleaning:	self-cleaning electrically
Filter package:	maintenance-free
Colour:	hammer finish painted blue or silvergrey

PFF-FLIPP-EK(W)-N (No. 105 000)

- » Motor 1,5 kW
- » Interstorage of extinguishing powder up to 30 kg
- » Filling capacity 25 kg/min



Model PFF-FLIPP-EK-(W)-NR is a very silent powder filling unit, for emptying, filling and sieving procedures of fire extinguishers of all makes and sizes.

- » Emptying and filling absolutely dust-free
- » Emptying and filling in continuous run
- » **Interstorage of extinguishing powder up to 30 kg**
- » Lockable ball valves
- » Window for powder control
- » Cleaning of filter package electrically activated



TECHNICAL DATA

Dimensions (l x w x h):	approx. 700 x 550 x 1200 mm
Operating height:	adjustable approx. 1600 mm
Hopper:	metal
Weight:	approx. 70 kg
Noise level:	74-78 dB(A)
Operation:	WITHOUT any vibration
Filling capacity:	20 kg/min - 125 mbar
Voltage:	400 V, 3-Phase, 50 Hz
Filter package:	maintenance-free
Filter cleaning:	electrically activated
Colour:	hammer finish painted blue

- » Maintenance free filter package
- » An advantage is the diagonally positioned, removable sieve, which retains lumps and contamination
- » Motor integrated in a metal housing, which serves as a support during filling procedure
- » Emptying and refilling time of 6 kg dry chemical powder less than 1 minute
- » Castor with locking device

Model PFF-FLIPP-EK(H) for emptying, filling and sieving procedures of fire extinguishers of all makes and sizes. Due to the low construction of the unit, it is very appropriate for a service vehicle.

- » Emptying and filling absolutely dust-free in continuous operation
- » Interstorage of extinguishing powder up to 12 kg
- » Lockable ball valves
- » Window for powder control
- » Cleaning of filter package and hopper achieved electrically
- » An advantage is the diagonally positioned, removable sieve, which retains lumps and contamination



TECHNICAL DATA

Dimensions (l x w x h):	approx. 750 x 450 x 1170 mm
Hopper:	metal
Operation:	WITHOUT any vibration
Filling capacity:	20 kg/min
Motor:	230 V, 6 A, 50 Hz, 1.1 kW
Weight:	approx. 58 kg
Filter package:	maintenance-free
Filter cleaning:	self-cleaning electrically
Colour:	hammer finish painted blue or silvergrey



- » Motor integrated in a metal housing
- » Unit equipped with a vehicle support which enables comfortable working in front of the car

PFF-FLIPP-EK(H)-N (No. 107 000)

- » Motor 1,5 kW
- » Interstorage of extinguishing powder up to 30 kg
- » Filling capacity 25 kg/min

Model PFF-II/E is an ejector driven powder filling unit, for emptying, filling and sieving procedures of fire extinguishers of all makes and sizes.



- » Especially appropriate in continuous operation
- » Emptying and filling absolutely dust free
- » Lockable ball valves
- » Interstorage of extinguishing powder up to 30 kg
- » low noise
- » pneumatic cleaning of filter package
- » Window for powder control
- » Cleaning of filter package and hopper achieved by reversing circuit
- » An advantage is the diagonally positioned, removable sieve, which retains lumps and contamination
- » Castor with locking device

TECHNICAL DATA

Motor:	compressed air 5 – 7 bar
Consumption:	approx. 1000 NI/min
Filling capacity:	approx. 15 kg/min
Dimensions (l x w x h):	approx. 750 x 520 x 1000 mm
Filter cleaning:	self-cleaning pneumatic
Weight:	approx. 49 kg
Filter package:	maintenance-free
Hopper:	metal
Colour:	hammer finish painted blue or silvergrey

Model PFF-III/SWN for emptying, filling and sieving procedures of fire extinguishers of all makes and sizes.



- » Especially appropriate in continuous operation
- » Emptying and filling absolutely dust-free
- » Lockable ball valves
- » Interstorage of extinguishing powder up to 30 kg
- » Window for powder control
- » Cleaning of filter package and hopper achieved by reversing circuit
- » An advantage is the diagonally positioned, removable sieve, which retains lumps and contamination

Optional available at extra charge:

- » available with 3-phase motor model PFF PFF-III/SWD, motor: 380 V, 10 A, 50 Hz

TECHNICAL DATA

Motor:	230 V, 8 A, 50 Hz
Filling capacity:	25 kg/min
Dimensions (l x w x h):	approx. 1300 x 550 x 1400 mm
Filter cleaning:	self-cleaning electrically
Weight:	approx. 65 kg
Filter package:	maintenance-free
Hopper:	metal
Colour:	hammer finish painted blue or silvergrey

Model PFF-III/SWN-50 for emptying, filling and sieving procedures of fire extinguishers of all makes and sizes as well as movable 50 kg powder extinguishers.

- » Especially appropriate in continuous operation
- » Emptying and filling absolutely dust-free
- » Lockable ball valves
- » Interstorage of extinguishing powder up to 30 kg
- » Window for powder control
- » Cleaning of filter package and hopper achieved by reversing circuit
- » An advantage is the diagonally positioned, removable sieve, which retains lumps and contamination
- » available with 3-phase motor



TECHNICAL DATA

Motor:	230 V, 8 A, 50 Hz
Filling capacity:	approx. 1000 kg/h in continuous operation
Dimensions (L x w x h):	approx. 1300 x 850 x 1700 mm
Hopper:	metal
Filter cleaning:	self-cleaning electrically
Filter package:	maintenance-free
Weight:	approx. 65 kg
Colour:	hammer finish painted blue or silvergrey



Model PFF-III/SWN-50-ES for emptying, filling and sieving procedures of fire extinguishers of all makes and sizes as well as movable 50 kg powder extinguishers made in high-grade steel (stainless steel).

- » Especially appropriate in continuous operation
- » Emptying and filling absolutely dust-free
- » Lockable ball valves
- » Interstorage of extinguishing powder up to 30 kg
- » Window for powder control
- » Cleaning of filter package and hopper achieved by reversing circuit
- » An advantage is the diagonally positioned, removable sieve, which retains lumps and contamination



TECHNICAL DATA

Motor:	230 V, 8 A, 50 Hz
Filling capacity:	25 kg/min
Dimensions (l x w x h):	approx. 1300 x 850 x 1700 mm
max. Work height:	approx. 2100 mm
Construction:	high-grade steel polished
Filter cleaning:	self-cleaning electrically
Filter package:	maintenance-free
Weight:	approx. 65 kg



Model PFF-SUMATIC-SWZ for emptying, filling and sieving procedures of fire extinguishers of all makes and sizes.



- » Especially appropriate in continuous operation
- » Emptying and filling absolutely dust-free
- » Lockable ball valves
- » Interstorage of extinguishing powder up to 30 kg
- » Integrated clamping device with quick-action handle
- » Window for powder control
- » Cleaning of filter package and hopper achieved by reversing circuit
- » An advantage is the diagonally positioned, removable sieve, which retains lumps and contamination
- » Motor in metal case which serves as support for emptying and filling extinguishers in a comfortable operation height



TECHNICAL DATA

Motor:	230 V, 8 A, 50 Hz
Filling capacity:	25 kg/min
Dimensions (l x w x h):	approx. 550 x 900 x 1600 mm
Filter cleaning:	self-cleaning electrically
Filter package:	maintenance-free
Weight:	approx. 69 kg
Colour:	hammer finish painted blue or silvergrey

The Mobile Service Station model MSS-P-I is the perfect technical solution for all service workshops for fire extinguishers. All necessary units are combined using the space of an euro-pallet. It can be loaded and unloaded easily in a service vehicle by fork lifter.



The Mobile Service Station is equipped with the following components:

- » Powder Filling Unit:
Filling capacity: 18 kg/min
electrical filter cleaning
internal hopper 15 kg
electrical height adjustment
- » CO₂-Filling Unit:
Filling capacity: 3,5 kg/min
compressed air driven
[supply by internal compressor]
safety valve (130 bar)
- » Compressed air compressor: 20 l
storage capacity max. 8 bar
- » Powder Storage Container:
capacity: 100 kg
- » Nitrogen-cylinder:
capacity: 10 l, 200 bar
- » CO₂-cylinder:
capacity: 6 kg
- » Pneumatic Clamping Device
- » Cable drum: 20 m cable length
- » Bench Vice:
- » Nitrogen Quick Filling Adaptor:
N₂-QUICK
- » Three tool drawers: with tool boxes,
removable
- » Digital Scale: 20 kg
resolution 1 g
- » Low Pressure Testing Unit: max.
40 bar test pressure connection with
quick coupling
- » Integrated Water Tank:
capacity 40 liter

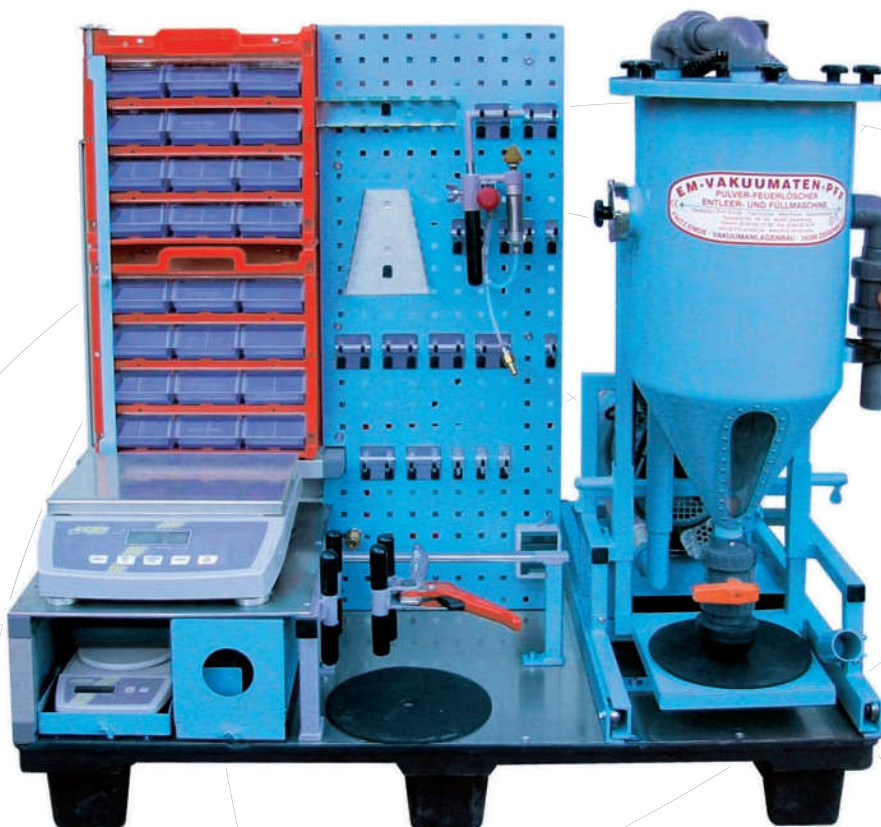
TECHNICAL DATA

Construction:	aluminium construction
Dimensions (l x w x h):	approx. 1200 x 800 x 1300 mm
Motor:	230 V, 16 A, 50 Hz
Weight:	approx. 280 kg
Colour:	hammer finish painted blue or according to customer wish

The Mobile Service Station model MSS-P-II is the perfect technical solution for all service workshops for fire extinguishers. All necessary units are combined using the space of an euro-pallet. It can be loaded and unloaded easily in a service vehicle by fork lifter.

The Mobile Service Station is equipped with the following components:

- » Powder Filling Unit:
Filling capacity: 25 kg/min
electrical filter cleaning
internal hopper: 30 kg
manual height adjustment
- » Toolwall: perforated grid wall for tools
dimensions (l x w):
approx. 500 x 340 mm
- » Nitrogen-cylinder:
capacity: 10 l, 200 bar
- » CO₂-cylinder:
capacity: 6 kg
- » Manual clamping device:
- » Boxes: 8 x 3 pcs. boxes for storage of
accessory and spare parts
dimensions (l x w x h): approx. 700 x 360 x 100 mm
- » Nitrogen quick filling adaptor:
N₂-QUICK
- » Hose testing unit: for pressure testing
of fire extinguisher hoses and safety
valves with gauge and safety cap
- » Digital scale: 20 kg, resolution 1 g
dimensions (l x w):
approx. 300 x 310 mm



TECHNICAL DATA

Construction:	aluminium construction
Dimensions (l x w x h):	approx. 1200 x 800 x 1150 mm
Motor:	230 V, 16 A, 50 Hz
Weight:	approx. 230 kg
Colour:	hammer finish painted blue or according to customer wish

The Mobile Service Station model MSS-P-III is the perfect technical solution for all service workshops for fire extinguishers. All necessary units are combined using the space of an euro-pallet. It can be loaded and unloaded easily in a service vehicle by fork lifter.



The Mobile Service Station is equipped with the following components:

- » Powder Filling Unit:
Filling capacity: 20 kg/min
electrical filter cleaning
internal hopper: 30 kg
manual height adjustment
- » CO₂ Filling Unit:
Filling capacity: 3,5 kg/min
compressed air driven
[supply by internal compressor]
safety valve (130 bar)
- » CO₂-Universal-Filling Rail: for filling of CO₂-cartridges of all sizes and makes
- » Compressed air compressor:
tank volume: 20 l
pressure max.: 8 bar
- » Powder storage container:
capacity: 50 kg
- » Nitrogen-cylinder:
capacity: 10 l, 200 bar
- » CO₂-cylinder: capacity: 6 kg
- » Manual clamping device
- » Boxes: 8 x 3 pcs. boxes for storage of accessory and spare parts dimensions (l x w x h): approx. 700 x 360 x 100 mm
- » Nitrogen quick filling adaptor: N₂-QUICK
- » Hose testing unit: for pressure testing of fire extinguisher hoses and safety valves with gauge and safety cap
- » Digital scale: 20 kg, resolution 1 g
dimension (l x w): approx. 300 x 310 mm

TECHNICAL DATA

Construction:	aluminium construction
Dimensions (l x w x h):	approx. 1200 x 800 x 1300 mm
Motor:	230 V, 16 A, 50 Hz
Weight:	approx. 290 kg
Colour:	hammer finish painted blue or according to customer wish

Versions of equipment for the mobile service station Modell MSS-P

The equipment herewith can be combined with each other, however not in any order as the total surface of the mobile service station should not exceed the dimensions of a euro-pallet of 1200 x 800 mm. The height is variable according to the type of vehicle.



- » Powder Filling Unit model FLIPP-E (electrical height adjustment)
- » Powder Filling Unit model FLIPP-EK(W)-N
- » CO₂ Filling Unit (electrical pump)
- » Low Pressure Testing Unit 0 – 40 bar (compressed air driven)
- » High Pressure Testing Unit 0 – 40 bar (compressed air driven)
- » Compressed Air Compressor max. 10 bar, 20 l storage
- » Hose & Safety Valve Testing Unit
- » Universal Filling Rail for Filling of CO₂-cartridges
- » Manuel Clamping Device
- » Pneumatocal Clamping Device
- » Powder Storage Container 50 kg
- » Water Storage Tank 20 l
- » Nitrogen Cylinder 10 l, 200 bar
- » CO₂-cylinder 6 kg
- » Digital Scale 20 kg, 1 g Resolution
- » 18 Boxes for storage of spare parts
- » Perforated Grid Wall for tools
- » Three tool drawers with tool boxes (removable)
- » Bench Vice
- » Cable Drum
- » Nitrogen Filling Adaptor model N₂-QUICK
- » CO₂ Filling Adaptor model CO₂-QUICK
- » Compressed-air pistol incl. 1.5 m airhose
- » P50-250 Adaptor for Filling of 50 kg Powder Extinguisher Trolleys
- » Nitrogen Pressure Reducer incl. connecting Hose

The mobile workshop trolley model WWZ-EKWN is a perfect combination of a mobile working place of deposit and unit-supported working. It is equipped with a removable, manual quick-action clamping device and a powder filling unit with electric height adjustment.



TECHNICAL DATA

Motor:	230V+N+PE, 10 A, 50 Hz	
Dimensions (l x w x h):	with clamping device:	approx. 2100 x 500 x 1300 mm
	without clamping device:	approx. 1500 x 500 x 1300 mm
Work height:	max. 1500 mm	
Noise level:	74-76 dB(A) (according to operation of the unit)	
Operation:	without any vibration	
Weight:	approx. 90 kg	
Filling capacity:	25 kg/min.	
Colour:	hammer finish painted blue	

Powder filling unit:

- » Absolutely dust-free emptying and filling in continuous operation and interstorage of powder in a tank
- » Appropriate for all types of powder (ABC, BC etc.)
- » Interstorage of extinguishing powder up to 30 kg
- » Big inspection glass for control of powder and filling level
- » Electric height adjustment
- » High-capacity exhauster with 1,5 kW
- » Maintenance-free polyethylene filter package with electric filter cleaning during filling procedure
- » Universal filling adaptor for all sizes and types of powder extinguishers
- » Non-expendable filling and vacuum ball valves
- » Big, removable, diagonally positioned powder sieve (275 mm length) which retains lumps and contamination

Trolley:

- » 2 guide-brake rolls, 2 fixed rollers for heavy loads (Ø 125 mm)
- » Place of deposit (l x w) approx. 700 x 450 mm
- » Set with 4 suction lances Ø 15, 20, 25 and 32 mm, 700 mm length incl. lance support
- » Abrasion-proof suction hose with connection 1500 mm length
- » Corrosion-free aluminium profile construction
- » Lockable doors

Optional available at extra charge:

- » Equipped with bench vice



The mobile workshop trolley model WWZ-EKWN is a perfect combination of a mobile working place of deposit and unit-supported working. It is equipped with a removable, manual quick-action clamping device and a removable powder filling unit with manual height adjustment.



TECHNICAL DATA

Motor:	230 V, 6 A, 50 Hz
Dimensions (l x w x h):	with clamping device: approx. 2150 x 620 x 1350 mm without clamping device: approx. 1600 x 620 x 1350 mm
Work height:	max. 1800 mm
Operation:	without any vibration
Weight:	approx. 75 kg
Filling capacity:	18 kg/min.
Colour:	hammer finish painted blue

Powder filling unit:

- » Absolutely dust-free emptying and filling in continuous operation and interstorage of powder in a tank
- » Appropriate for all types of powder (ABC, BC etc.)
- » Interstorage of extinguishing powder up to 12 kg
- » Big inspection glass for control of powder and filling level
- » Manual height adjustment
- » High-capacity suction motor with 1200 W
- » Maintenance-free polyethylene filter package with automatic filter cleaning during filling procedure by opening of AIR-MATIC flap
- » Universal filling adaptor for all sizes and types of powder extinguishers
- » Non-expendable filling and vacuum ball valves
- » Big, removable, diagonally positioned powder sieve (240 mm length) which retains lumps and contamination
- » Separate rack for powder filling unit is provided

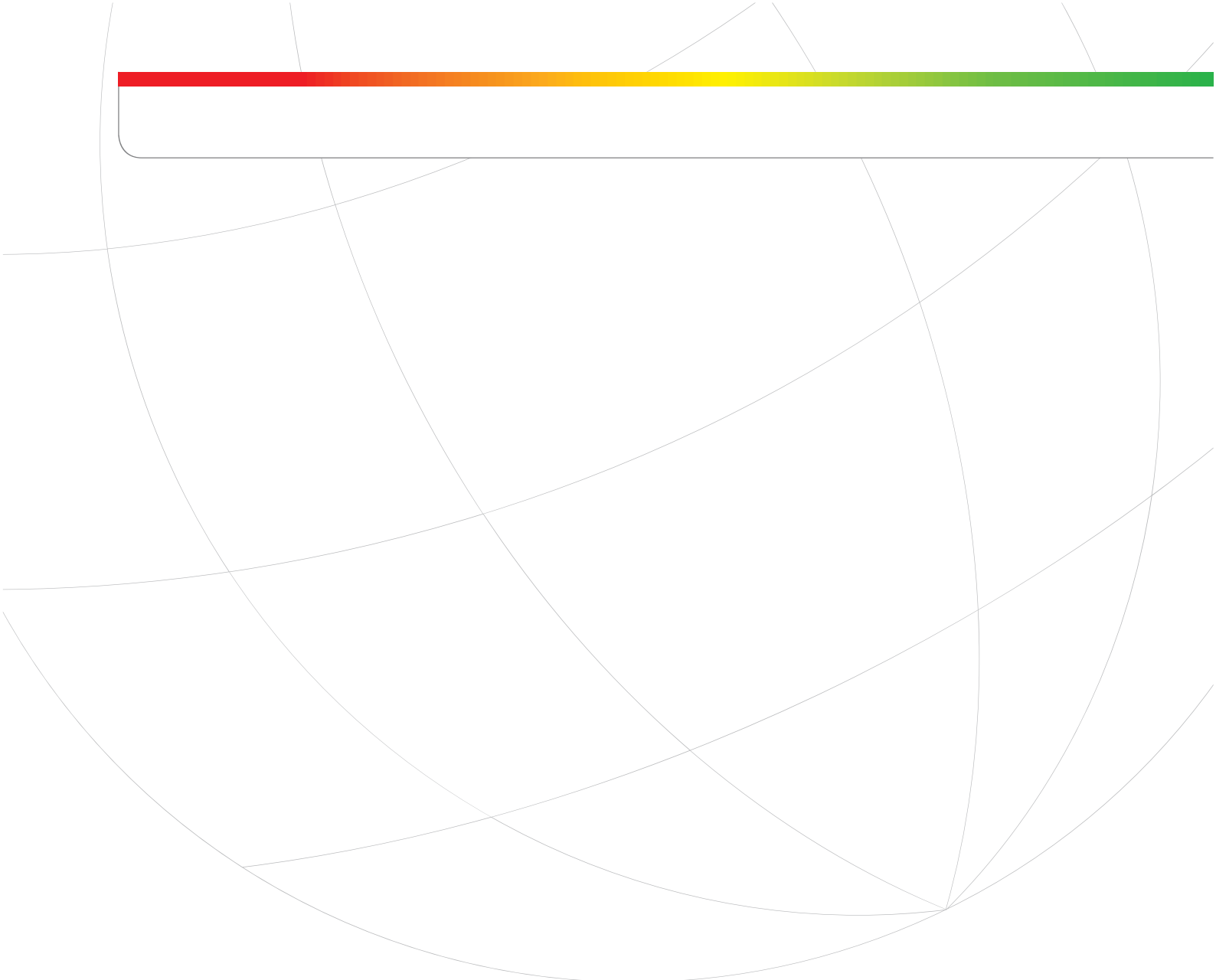
Trolley:

- » 2 guide-brake rolls, 2 fixed rollers for heavy loads (Ø 125 mm)
- » Place of deposit (l x w) approx. 700 x 450 mm
- » Set with 4 suction lances Ø 15, 20, 25 and 32 mm, 700 mm length incl. lance support
- » Abrasion-proof suction hose with connection 1500 mm length
- » Corrosion-free aluminium profile construction
- » Lockable doors

Optional available at extra charge:

- » Equipped with bench vice





The mobile workshop trolley SPANN-BOY serves the operator for comfortable assembly of fire extinguishers.



The trolley is equipped with an infinitely 360° rotatable manual quick-action clamping device. The exactly coordinated, ergonomic working height facilitates the handling of the extinguisher. A large tool box is included and another one can be mounted at surcharge. The robust construction ensures an additional stability of the trolley.



TECHNICAL DATA

Construction:	aluminium construction
Dimensions (l x w x h):	approx. 600 x 450 x 1000 mm
Weight (empty):	approx. 9 kg
Colour:	hammer finish painted blue

Optional available at extra charge:

- » Trolley equipped with stair rolls
- » Additional support for tools

An efficient and handy working process are guaranteed with the different optional features in the service vehicle.

The pull-out about 90° tilting vehicle support is suitable for:

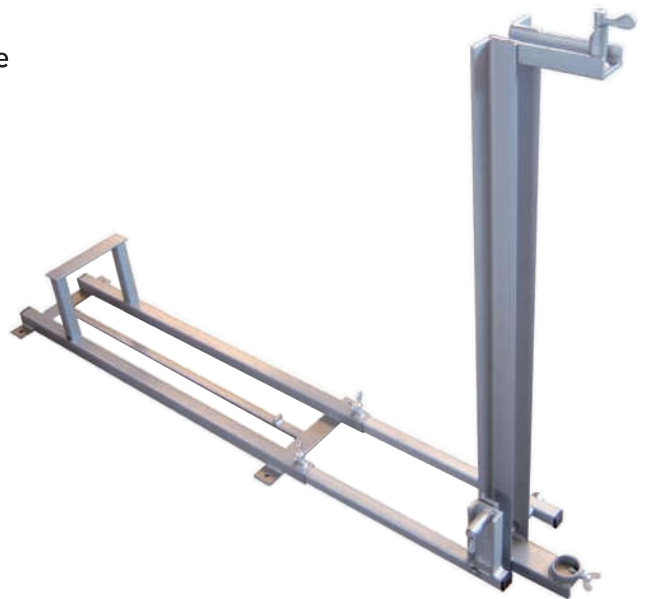
- » PFF-FLIPP-AIR-MATIC
- » PFF-II/E

TECHNICAL DATA

Dimensions (l x w x h): 350 x 200 x 900 mm

Weight: 10 kg

Colour: hammer finish painted blue or silvergrey



The vehicle support located in transport position offers a safe and space, saving handling in the service vehicle.

Suitable for:

- » PFF-FLIPP-AIR-MATIC
- » PFF-II/E



Wall holder for PFF-FLIPP-AIR-MATIC and PFF-II/E

(No. 100 110)



TECHNICAL DATA

Dimensions (l x w x h):	approx. 200 x 150 x 900 mm
Weight:	approx. 6 kg
Colour:	Hammer finish painted blue or silvergrey

**BIG-BAG support with electric chain lift,
model DM** (No. 100 353)

Big-Bag support for efficient powder supply for automatic filling units. Appropriate for all types of powder.

Equipped with:

- » 2 pieces BIG-BAG feed hoppers
- » 2 pieces electric chain lifts, each 1,25 t bearing load
- » 1 Y-distributor with ball valve
- » Connection for fluidisation to aerate the powder
- » 2 pieces connecting hose 32 mm, length 3 m with couplings



BIG-BAG feed hopper, movable

(No. 100 359)

Optional available at extra charge:

- » BIG-BAG twin support

(No. 100 351)

TECHNICAL DATA

Construction:	steel construction
Dimensions (l x w x h):	4600 x 1800 x 4100 mm
Weight (empty):	approx. 1000 kg
Motor:	380 V, 50 Hz, 10 A
Colour:	hammer finish painted blue



**BIG-BAG support with chain pulley,
model S**

(No. 100 350)

Big-Bag support for efficient powder supply for automatic filling units. Appropriate for all types of powder.

Equipped with:

- » BIG-BAG feed hopper
- » Chain pulley, 1.25 t bearing load
- » Connection for fluidisation to aerate the powder
- » Connecting hose 32mm, length 3m with couplings

Optional available at extra charge:

- » BIG-BAG twin support "D" (No. 100 351)
- » Electric chain lift (No. 100 355)



TECHNICAL DATA

Construction:	steel construction
Dimensions (l x w x h):	1200 x 1200 x 3500 mm
Weight (empty):	approx. 285 kg
Colour:	hammer finish painted blue

Bag discharger

(No. 100 357)

for the economic emptying of 25 kg and 50 kg powder bags. Appropriate for all types of powder.

Optional available at extra charge:

- » additional dust cover

TECHNICAL DATA

Construction:	steel construction
Dimensions (l x w x h):	700 x 700 x 1200 mm
Weight (empty):	approx. 50 kg
Colour:	hammer finish painted blue



P50-250N Filling Adaptor

(No. 100 210)

for filling mobile fire fighting appliances from 50 kg up to 250 kg, consisting of adaptor, hose (2.5 m) and suction lance (1.2 m)

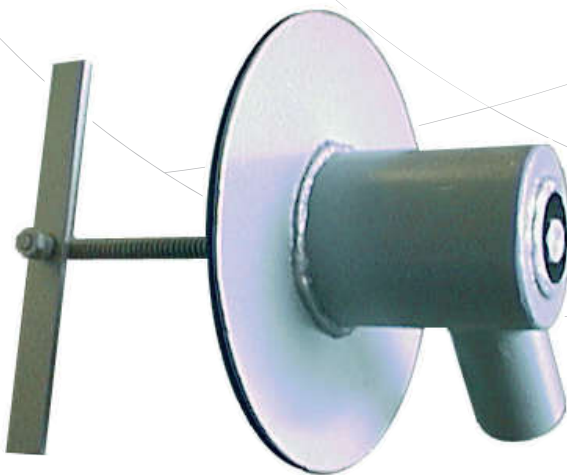


TECHNICAL DATA

Dimensions (l x w x h): approx. 200 x 120 x 250 mm
 Weight: approx. 1 kg
 Cylinder opening (Ø): approx. 35 – 90 mm
 Colour: hammer finish painted blue or silvergrey

Adaptor P50-250A

(No. 100 220)



TECHNICAL DATA

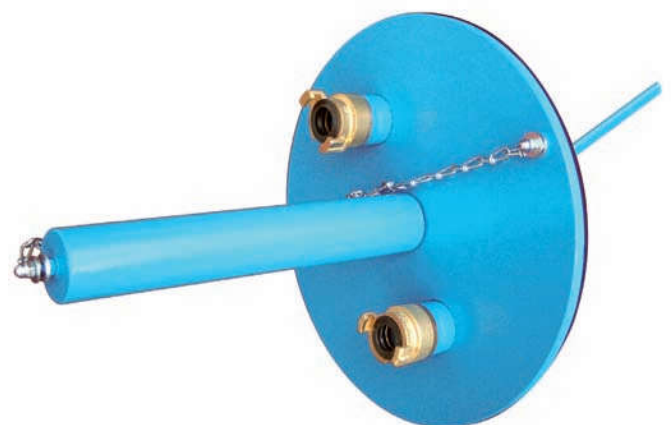
Dimensions (l x w x h): approx. 200 x 200 x 280 mm
 Weight: approx. 3 kg
 Cylinder opening (Ø): approx. 90 – 200 mm
 Colour: hammer finish painted blue or silvergrey

Adaptor P350

(No. 100 240)

TECHNICAL DATA

Dimensions (l x w x h): approx. 350 x 350 x 650 mm
 Weight: approx. 8 kg
 Cylinder opening (Ø): approx. 100 – 350 mm
 Colour: hammer finish painted blue or silvergrey



Wheeled storage tank to interstore extinguishing powder

Appropriate for EMDE-powder filling units in connection with filling adaptor P50-250.

50 kg tank

(No. 100 310)

TECHNICAL DATA

Dimensions (l x w x h): approx. 600 x 750 x 800 mm
 Weight: approx. 32 kg (empty)
 Capacity: approx. 50 kg
 Colour: hammer finish painted blue or silvergrey



Wheeled storage tank to interstore extinguishing powder, tiltable and optional with inlet for bags

100 kg tank

(No. 100 320)

TECHNICAL DATA

Dimensions (l x w x h): approx. 600 x 750 x 800 mm
 Weight: approx. 36 kg (empty)
 Capacity: approx. 100 kg
 Colour: hammer finish painted blue or silvergrey

Wheeled powder silo to interstore 250 kg extinguishing powder

Incl. inspection window for powder control, lance support, powder sieve, fluidization and connections for powder removal and filling.

(No. 100 330)

TECHNICAL DATA

Dimensions (l x w x h): approx. 650 x 750 x 1900 mm
 Weight: approx. 65 kg (empty)
 Capacity: approx. 250 kg
 Colour: hammer finish painted blue or silvergrey

