

CATALOGUE



BASIC RANGE

IC 020

The pneumatically powered double-hose dry ice blasting machine, very low air consumption, low weight, compact fiberglass body with stainless steel chassis, accepts 1.5 mm dry ice pellets.

Package Contents: 3 m Blast hose, Blast gun IG-20, 10 m Airhose, Round nozzle RN-20-07-000, Protective equipment kit, Ice shovel (1 kg Capacity).

Order no.: IC-020

IC 022 EVO

The pneumatically powered double-hose dry ice blasting machine with patented feeding system, very low air consumption, low weight, blast pressure regulation, compact fiberglass body with stainless steel chassis, accepts both 1.5 mm and 3 mm dry ice pellets.

Package Contents: 3 m Blast hose, Blast gun IG-22 with LED light, Round nozzle RN-20-08-000, Flat nozzle FN-20-10-200, Adapter NA-20-10-001, 10 m Airhose, Protective equipment kit, Ice shovel (1 kg Capacity).

Order no.: IC-022 EVO

IC 022 EVO PLUS

The pneumatically powered double-hose dry ice blasting machine with patented feeding system, very low air consumption, low weight, blast pressure regulation, compact fiberglass body with stainless steel chassis, accepts both 1.5 mm and 3 mm dry ice pellets.

Package Contents: 3 m Blast hose, Blast gun IG-22 with LED light, Round nozzle RN-20-08-000, Flat nozzle FN-20-10-200, Adapter NA-20-10-001, 10 m Airhose, Protective equipment kit, Ice shovel (1 kg Capacity).

Plus Accessories: Trolley, Ice box

Order no.: IC-022-EVO PLUS

ACCESSORIES

Adapter and Flat / Round nozzle (Alu)

Order No.:

Adapter Flex Light

This adapter is required to connect the Flat nozzles with the blast guns IG-20 and IG-22. Weight 30g.

NA-20-10-001

Flat nozzle

Length 220 mm, Weight 147 g

FN-20-10-200

Round nozzle

Length 212 mm, Weight 115 g

RN-20-08-000



PROFESSIONAL RANGE



IC 110 E 1-10 bar/max.

The electrically powered dry ice blasting machine, patented feeding system, high cleaning performance, dry ice consumption regulation, blast pressure regulation, 17 kg dry ice hopper, stainless steel body.

Package Contents: 5 m Blast hose, Blast gun IG-10-E, Round nozzle RN-10-06

Order no.: IC-110-E



IC 110 E PLUS 1-10 bar/max.

The electrically powered dry ice blasting machine, patented feeding system, high cleaning performance, dry ice consumption regulation, blast pressure regulation, 17 kg dry ice hopper, stainless steel body.

Package Contents: 5 m Blast hose, Blast gun IG-10-E, Round nozzle RN-10-06.

Plus Accessories: Flat nozzle FN-10-04-000, LED light for gun IG-10-02-000, 10 m Compressed air hose 3/4", Ice shovel (2 kg Capacity)

Order no.: IC-110-E-PLUS



IC 310 1-16 bar/max.

The electrically powered dry ice blasting machine, patented feeding system, superior cleaning performance, dry ice consumption regulation, blast pressure regulation, 13 kg dry ice hopper, stainless steel body and frame.

Package Contents: 7 m Blast hose, Blast gun IG-10-E, Round nozzle RN-10-08

Order no.: IC-310

PROFESSIONAL RANGE



IC 310 PLUS 1-16 bar/max.

The electrically powered dry ice blasting machine, patented feeding system, superior cleaning performance, dry ice consumption regulation, blast pressure regulation, 13 kg dry ice hopper, stainless steel body and frame.

Package Contents: 7 m Blast hose, Blast gun IG-10-E, Round nozzle RN-10-08

Plus Accessories: Flex case II. PLUS, LED light for gun IG-10-02-000, 10 m Compressed air hose 3/4", Ice shovel (2 kg Capacity)

Order no.: IC-310-PLUS



IC 310 S (Dry ice mill built-in) 1-16 bar/max.

The electrically powered dry ice blasting machine, patented feeding system, integrated dry ice mill, superior cleaning performance, dry ice consumption regulation, blast pressure regulation, 10 kg dry ice hopper, stainless steel body and frame.

Package Contents: 7 m Blast hose, Blast gun IG-10-E, Round nozzle RN-10-08

Order no.: IC-310-S



IC 310 S PLUS (Dry ice mill built-in) 1-16 bar/max.

The electrically powered dry ice blasting machine, patented feeding system, integrated dry ice mill, superior cleaning performance, dry ice consumption regulation, blast pressure regulation, 10 kg dry ice hopper, stainless steel body and frame.

Package Contents: 7 m Blast hose, Blast gun IG-10-E, Round nozzle RN-10-08

Plus Accessories: Flex case II. PLUS, LED light for gun IG-10-02-000, 10 m Compressed air hose 3/4", Ice shovel (2 kg Capacity)

Order no.: IC-310-S-PLUS

ACCESSORIES

EXTERNAL MODUL



EXTERNAL MODUL PAM-01

Order No.:

The external module for abrasive cleaning with granular material. Designed for dry ice blasting with addition of abrasive granulate. It accepts glass particles of 100-200 µm and corundum particles of 250 -300 µm. Set includes 7 m blast hose extension.

PAM-01

NOZZLE CASES



Flex Case I.

Order No.:

- NA-34-10-001 - NA-34-20-200 - RN-34-10-100
- NA-34-10-003 - NA-34-30-100 - FN-34-10-100
- NA-34-20-100 - NA-34-30-200 - FN-34-10-200

50358



Flex Case II. PLUS

- NA-34-10-001 - NA-34-30-200 - FN-34-10-100
- NA-34-10-002 - NA-95-10-004 - FN-34-10-200
- NA-34-10-003 - RN-34-10-100 - FN-34-10-300
- NA-34-20-100 - RN-34-10-200 - 50098
- NA-34-20-200 - FN-10-06-000

50362

BLAST GUNS

Standard Blast Guns

Order No.:



Blast gun IG-10-E
Ergonomic electric blast gun

IG-10-00-000-E



LED Light for IG-10-E and IG-10 with fastening set

IG-10-02-000

Compact Blast Guns (For use in restricted space)



Blast gun IG-11-E
Robust electric blast gun

IG-11-00-000-E



Blast gun IG-30-E with LED light
Lightweight electric blast gun

IG-30-00-000-E

Nozzle Adapter RN-10

Order No.:

Enables to connect plastic nozzles of RN-10 series to standard blast guns IG-10-E and IG-10. Weight 58g.

RN-10

Round Nozzles RN-10 series (Adapter RN-10 necessary to connect to blast guns IG-10-E and IG-10)

Round nozzle ø 5mm

Air consumption 1.4m³/min at 6 bar L/W/W: 257 mm/22 mm/118 g

RN-10-05-001

Round nozzle ø 6mm

Air consumption 2.1m³/min at 6 bar L/W/W: 257 mm/22 mm/112 g

RN-10-06-001

Round nozzle ø 7mm

Air consumption 3.0m³/min at 6 bar L/W/W: 257 mm/22 mm/108 g

RN-10-07-001

Round nozzle ø 8mm

Air consumption 3.9m³/min at 6 bar L/W/W: 257 mm/22 mm/105 g

RN-10-08-001

Round nozzle ø 10mm

Air consumption 6.0m³/min at 6 bar L/W/W: 257 mm/22 mm/94 g

RN-10-10-001

Round nozzle ø 12mm

Air consumption 7.8m³/min at 6 bar L/W/W: 257 mm/22 mm/80 g

RN-10-12-001

Round Nozzles RN-11 series (No adapter necessary to connect to blast guns IG-10-E and IG-10)

Round nozzle ø 3mm

Air consumption 0.5m³/min at 6 bar L/W/W: 206 mm/20 mm/92 g

RN-11-03-000

Round nozzle ø 4mm

Air consumption 0.8m³/min at 6 bar L/W/W: 206 mm/20 mm/90 g

RN-11-04-000

Round nozzle ø 5mm

Air consumption 1.4m³/min at 6 bar L/W/W: 206 mm/20 mm/89 g

RN-11-05-000

Round nozzle ø 6mm

Air consumption 2.1m³/min at 6 bar L/W/W: 206 mm/20 mm/86 g

RN-11-06-000

Nozzle Adapter RN-10 Alu

Enables to connect aluminium nozzles of RN-10 series to standard blast guns IG-10-E and IG-10. Weight 112g.

RN-10-ALU

Round Nozzles RN-10 Alu series (Adapter RN-10 Alu necessary to connect to blast guns IG-10-E and IG-10)

Round nozzle ø 5mm

Air consumption 1.4m³/min at 6 bar L/W/W: 257 mm/22 mm/224 g

RN-10-05-001-ALU

Round nozzle ø 6mm

Air consumption 2.1m³/min at 6 bar L/W/W: 257 mm/22 mm/216 g

RN-10-06-001-ALU

Round nozzle ø 7mm

Air consumption 3.0m³/min at 6 bar L/W/W: 257 mm/22 mm/208 g

RN-10-07-001-ALU

Round nozzle ø 8mm

Air consumption 3.9m³/min at 6 bar L/W/W: 257 mm/22 mm/200 g

RN-10-08-001-ALU

Round nozzle ø 10mm

Air consumption 6.0m³/min at 6 bar L/W/W: 257 mm/22 mm/180 g

RN-10-10-001-ALU

Round nozzle ø 12mm

Air consumption 7.8m³/min at 6 bar L/W/W: 257 mm/22 mm/162 g

RN-10-12-001-ALU

STANDARD NOZZLES Designed for standard blast guns IG-10-E and IG-10

Order No.:

Flat Nozzles FN-10 Alu series (No adapter necessary to connect to blast guns IG-10-E and IG-10)



Flat nozzle *FN-10-02-000*
Air consumption 0.9 m³/min at 6 bar L/W/H/W: 577 mm/49 mm/40 mm/1070 g

Flat nozzle *FN-10-04-000*
Air consumption 2.0 m³/min at 6 bar L/W/H/W: 577 mm/49 mm/40 mm/905 g

Flat nozzle *FN-10-06-000*
Air consumption 3.8 m³/min at 6 bar L/W/H/W: 577 mm/49 mm/40 mm/890 g

Flat nozzle *FN-10-07-000*
Air consumption 4.4 m³/min at 6 bar L/W/H/W: 723 mm/100 mm/40 mm/1505 g

Crusher Nozzle (No adapter necessary to connect to blast guns IG-10-E and IG-10)



Crusher nozzle is mounted in between the blast gun and the nozzle. *BHA-10-04-000*
It enables crushing 3 mm dry ice pellets to fine particles. All our nozzles except for RN-11 series can be connected to crusher nozzle using their respective adapters or no adapter in case of FN-10 Alu series. Weight 125 g.

FLEX FIT NOZZLES Designed to connect to compact blast guns IG-11-E and IG-30-E without adapter. For connecting to standard blast guns IG-10-E, IG-10 adapter NA-34 Alu is necessary.

Nozzle Adapter NA-34 Alu



Enables to connect all flex fit nozzles to standard blast guns IG-10-E and IG-10. Weight 28 g. *NA-34-10-001*

Round Nozzles RN-34 Alu series



Round nozzle *RN-34-10-100*
Air consumption 1.8m³/min at 6 bar, Length 110 mm, Weight 107 g



Round nozzle 45° angle *RN-34-10-200*
Air consumption 1.8m³/min at 6 bar, Length 110 mm, Weight 97 g



Round nozzle 90° angle *RN-34-10-300*
Air consumption 1.8m³/min at 6 bar, Length 74.6 mm, Weight 115 g

Flat Nozzles FN-34 Alu series



Flat nozzle *FN-34-10-100*
Air consumption 2.0m³/min at 6 bar, Length 112 mm, Weight 102 g



Flat nozzle *FN-34-10-200*
Air consumption 1.6m³/min at 6 bar, Length 220 mm, Weight 132 g



Flat nozzle 45° angle *FN-34-10-300*
Air consumption 1.6m³/min at 6 bar, Weight 132 g



Flat nozzle 90° angle *FN-34-10-400*
Air consumption 1.6m³/min at 6 bar, Weight 132 g

FLEX FIT NOZZLES

Flex Fit Nozzle Extensions NA-34 Alu series

Order No.:



Nozzle extension

Length 150 mm, Weight 143 g

NA-34-20-100

Nozzle extension

Length 300 mm, Weight 220 g

NA-34-20-200

Nozzle extension

Length 500 mm, Weight 325 g

NA-34-20-300

Nozzle extension 45° angle

Weight 139 g

NA-34-30-100

Nozzle extension 90° angle

Weight 139 g

NA-34-30-200

SPECIAL NOZZLES

Flat Nozzles 45°/90° FN-20 Alu series (for IC 020, IC 022 only)



Flat nozzle

Length 185 mm, Weight 147 g, Angle: 45°

FN-20-11-300

Flat nozzle

Length 160 mm, Weight 147 g, Angle: 90°

FN-20-11-400

Round Nozzles RN-13 series (For blast gun IG-30-E)



Round nozzle ø 5mm

Air consumption 1.4m³/min at 6 bar, L/W/W: 147mm/30 mm/70 g

RN-13-05-000

Flat Nozzles FN-35/36 Alu series



Flat nozzle

Air consumption 2.2m³/min at 6 bar, Length 220 mm, nozzle opening dimension: 25 x 4 mm, Weight 132 g

FN-35-10-200

Flat nozzle

Air consumption 2.55m³/min at 6 bar, Length 220 mm, nozzle opening dimension: 25 x 5 mm, Weight 132 g

FN-36-10-200

BLAST HOSES AND EXTENSIONS



1/2" Blast Hoses (For IC 110 E, IC 110 E PLUS)

Standard blast hose L=5 m *BH-1/2-12-05*
 5 m Electric spare blast hose incl. couplings (price per pc)

Extensions *BHE1/2-11*
 Standard electric blast hose extension (price per m)

Customized blast hose *BH-1/2-12*
 Electric spare blast hose of desired length incl. couplings (price per m)



3/4" Blast Hoses (For IC 310, IC 310 PLUS, IC 310 S, IC 310 S PLUS)

Standard blast hose L=7 m *BH-12-07*
 7 m Electric spare blast hose incl. couplings (price per pc)

Extensions *BHE-11*
 Standard electric blast hose extension (price per m)

Customized blast hose *BH-12*
 Electric spare blast hose of desired length incl. couplings (price per m)

BLAST HOSE AND COMPACT BLAST GUN PACKAGES



1/2" Blast Hose incl. IG 30 E (For all ICS professional blasting machines)

Blast hose with blast gun package L=5 m *BH1/2-13-05-IG-30-E*
 5 m Blast hose and blast gun IG-30-E package (price per pc)



3/4" Blast Hose incl. IG 11 E (For all ICS professional blasting machines)

Blast hose with blast gun package L=7 m *BH-12-07-IG-11-E*
 7 m Blast hose and blast gun IG-11-E package (price per pc)

COMPRESSED AIR HOSES

3/4" Compressed Air Hoses



Standard air hose L=10 m *50252-10*
 10 m Ultra-light compressed air hose incl. connectors (price per pc)

Customized air hose *50252*
 Ultra-light air hose of desired length incl. connectors (price per meter, min. length 3m)

1 1/2" Compressed Air Hoses



Standard air hose L=10 m *50253-10*
 10 m Ultra-light compressed air hose incl. connectors (price per pc)

Customized air hose *50253*
 Ultra-light air hose of desired length incl. connectors (price per meter, min. length 3m)

ADDITIONAL EQUIPMENT

Additional Equipment for Professional Machines

Order No.:



Ergo Flex

Designed for blasting in hardly accessible places. Ergo flex is mounted in between the blast hose and standard blast guns IG-10E and IG-10. Weight 196 g.

BHA-10-02-000



Quick coupling set stainless steel

To disconnect the hose package safely and quickly of the dry ice blasting machine

50188



Ice shovel 2 kg / 1 kg

Z00020 / Z00009



Blast gun holder

Mountable blast gun holder for better comfort and safety

BHA-10-05-000



Protection sleeve (m)

Heat resistant up to 350° C, per meter

50207



Compressed air connection set

1 x 1/2" M and F 1 x 3/4" M and F, 1 x 1" M and F 1 x 1 1/4" M and F, 1 x 1" ball valve 1 x Teflon tape, 1 x Workshop coupling

50294



Ear protection

3M Peltor Optime III

Z00001



Full protection goggles

Z00011



Cold-resistant gloves (1 pair)

Z00010



Molykote low temperature grease

Faciliates disassembly of metal compounds

Z00019

Additional Equipment (For flex fit nozzles and flex fit extensions)



Handgrip

Weight 185 g.

50098



Clamping round

For NA-34 extensions. Weight 57 g.

NA-34-10-002



Clamping oval

For FN-10 nozzles. Weight 53 g.

NA-95-10-004



Key

For disassembly of flex light nozzles. Weight 254 g.

NA-34-10-003

PELLETIZERS



IP 100 H (3 mm Extrusion Die)

The electrically powered dry ice production machine, Siemens-Logo8! control unit, advanced hydraulic system with powerfull cylinder, highly efficient production, superior quality of dry ice pellets.

Package Contents: External heat exchanger, 3 mm Extrusion Die

Order no.: IP-100-H-Basic



IP 100 H PLUS (1.5 mm, 3 mm, 16 mm Extrusion Dies)

The electrically powered dry ice production machine, Siemens-Logo8! control unit, advanced hydraulic system with powerfull cylinder, highly efficient production, superior quality of dry ice pellets, possibility to produce pellets in 3 different sizes.

Package Contents: External heat exchanger, 1.5 mm, 3 mm and 16 mm Extrusion dies.

Order no.: IP-100-H

ACCESSORIES

Extrusion Dies

Order No.:

1.5 mm Extrusion Die

IP-100-00-027

3 mm Extrusion Die

IP-100-00-026

16 mm Extrusion Die

IP-100-00-028





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