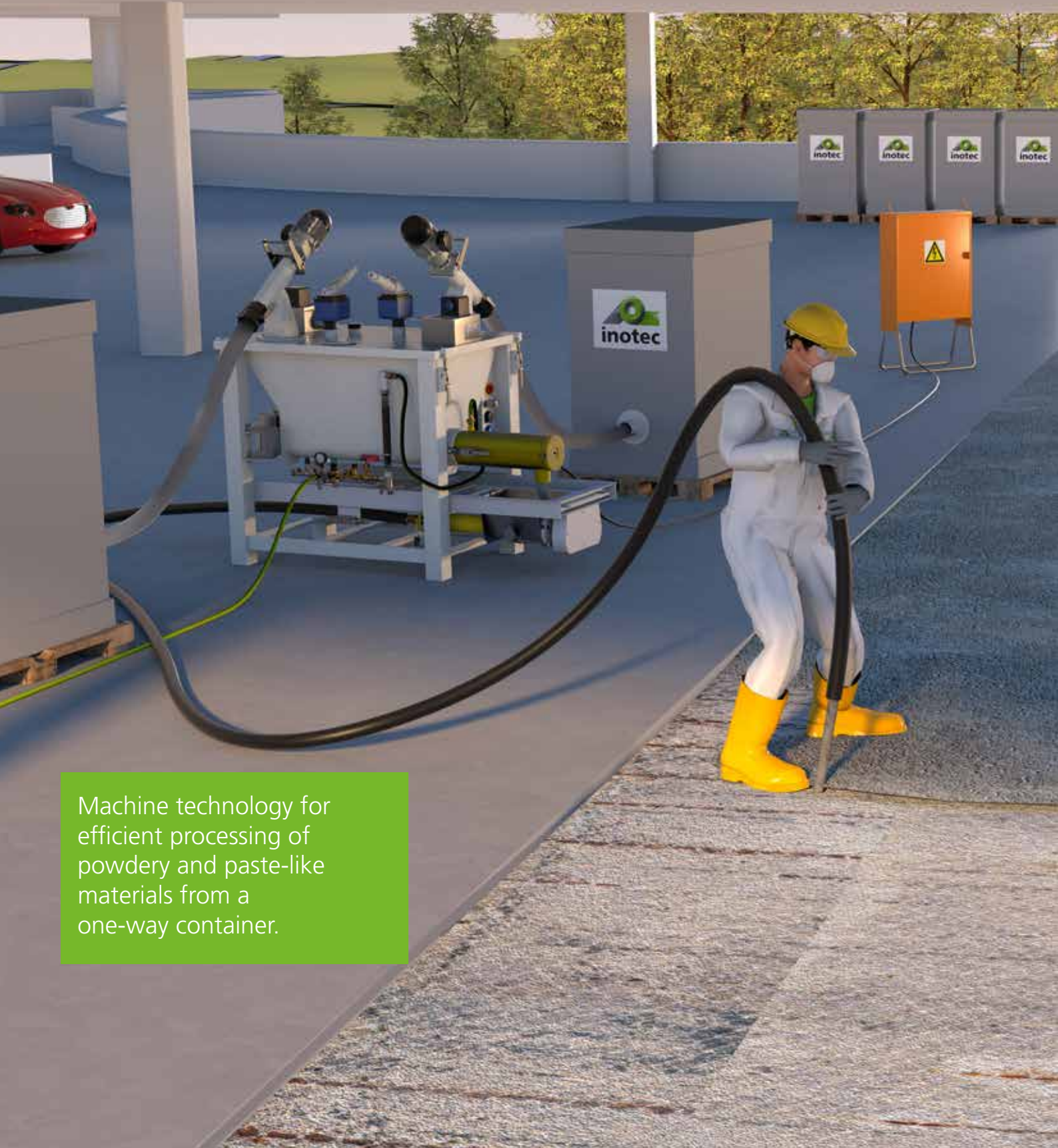


OWC technology

One-way container



Machine technology for efficient processing of powdery and paste-like materials from a one-way container.

We make your construction site easier!

OWC technology makes your work easier!



One-way container

The one-way container system for **powdery** materials

Benefits at a glance

- No rental or installation fees for silos
- Simple logistics thanks to Euro-pallet dimensions
- Can be transported with a pallet truck
- Flexible trailer transport
- Quick and simple setup
- No retrieval necessary
- Dust-free work
- No material compaction thanks to patented double bottom technology
- Replenishment with bagged material possible
- Filling capacity of 600 to 800 kg
- Excellent idling performance
- Rainproof and watertight if stored outdoors
- To be combined with Inotec 230V mixers or mixing pumps
- Easy and environmentally friendly disposal



Technical data

One-way container

Fill quantity	600 to 800 kg
Empty weight	30 kg
Dimensions (L x W x H)	1,200 x 800 x 1,600 mm
Connection	Kamlock connection directly to the continuous mixers inoMIX E12 resp. to the dry delivery unit inoFLEX Mono

The one-way container offers a flexible single-use solution for filling, transporting and processing mineral materials in conjunction with powerful, ultra-modern machine technology!

Areas of application

Floor levelling compound, concrete filling compound, bonding and reinforcing mortars, final coats and much more.



Ask your material supplier for the one-way container from INOTEC.

The **one-way container** can be combined with the following machinery:

Powdery materials

- **One-way container** combined with the **inoMIX E12 continuous mixer**
- **One-way container** combined with the **inoMIX E12 continuous mixer** and the **inoBEAM F30 E delivery pump**
- **One-way container** combined with the **inoFLEX Mono** dry delivery unit thus enabling connection to all commercially available **mixing pumps!**
- **One-way container** combined with the **inoFLEX Duo flexible dry delivery unit** and the high-performance small silo with **inoCOMB Cabrio**



Accessories from page 9

One-way container

for powdery materials in combination with the **inoMIX E12** continuous mixer

inoMIX E12 Benefits at a glance

- Extremely simple operation
- Constant material consistency
- High mixing rate
- Simple one-person transport
- Easy cleaning
- Low-maintenance technology
- PU mixing tube (removable)



The **inoMIX E12** is a simple, cost-effective and yet very powerful continuous mixer for processing powdery materials from a one-way container.

Extremely simple operation and handling plus a high mixing rate ensure trouble-free operation on the construction site.

Technical data

inoMIX E12 continuous mixer

Operating voltage	230 V / 16 A / 50 Hz
Motor power	1.1 kW
Mixing capacity	18 l/min
Dimensions (L x W x H)	1,200 x 610 x 950 mm
Total weight	approx. 47 kg

Scope of delivery

inoMIX E 12

Item no. 10005950

- Height-adjustable frame
- 2 running wheels
- PU mixing pipe
- Mixing shaft
- Gear motor
- Metering shaft
- Water armature with flow meter
- OWC camlock coupling
- Connection cable
- Operating manual

Optional (see accessories):

- Can be used with an optional bag funnel for the use of bagged goods



Accessories from page 9

One-way container

for powdery materials in combination with the dry delivery unit
inoFLEX Mono for standard mixing pumps

inoFLEX Mono Benefits at a glance

- Extremely simple assembly on all commercially available mixing pumps
- Simple one-person transport
- High delivery rate
- Low-maintenance Technology
- Easy cleaning



The flexible **inoFLEX Mono** delivery shaft transports the material to be processed from the one-way container directly into the mixing pump hopper, and from there into the material hose for the spray or bonding gun.

The **inoFLEX Mono** dry delivery unit can be combined with all commercially available mixing pumps, such as **inoCOMB Picco Power**, PFT G4, etc.



Technical data

inoFLEX Mono dry delivery unit, powder

Operating voltage	230 V / 50 Hz
Motor rating	1.1 kW
Delivery rate	24 l/min
Connection	Flexible
Delivery shaft	Flexible

inoFLEX Mono

Item no. 10041947
- inoCOMB Picco Power

Item no. 10041948
- inoCOMB Maxi Power
- PFT G4

Scope of delivery

- OWC camlock coupling
- flexible hose approx. 2 m,
- Delivery shaft
- Probe control system with rotor sensor
- Gear motor
- Transition hood with transition connecting piece

Accessories from page 9

One-way container

for powdery materials in combination with the dry delivery unit
inoFLEX Duo for connection to the inoCOMB Cabrio

inoFLEX Duo Benefits at a glance

- Extremely simple assembly on the inoCOMB Cabrio
- Dust-free work
- High delivery rate thanks to the continuous filling of the small silo, which is equipped with a 400 V continuous mixer and a 400 V delivery pump.
- Low-maintenance technology
- Easy cleaning



The two flexible delivery shafts of the **inoFLEX Duo** transport the powdery material to be processed from the one-way container directly to the hopper of the **inoCOMB Cabrio** small silo. Here, the material is mixed with water using high-performance machine technology and then pumped on-site through the material hose. Areas of application of this closed, dust-free system include horizontal floor levelling in parking garages or industrial halls, large-scale reprofiling in tunnels and on bridges, or the grouting of channels and machine foundations.

The small silo is available in four versions:

inoCOMB Cabrio "D" for spray applications, **"Ü1"** for industrial screeds, **"Ü2"** for floor levelling compounds and **"RS"** for coarse-particle material such as sgraffito.

Technical data

inoFLEX Duo dry delivery unit

Operating voltage	230 V / 50 Hz
Motor rating	1.1 kW each
Delivery rate	2 x 24 l/min
Connection	Flexible
Delivery shaft	Flexible

Scope of delivery of inoFLEX Duo

Item no. 10042432

- 2 x OWC camlock coupling
- 2 x flexible hose, approx. 2 m
- 2 x delivery shaft
- 2 x probe control system with rotor sensor
- 2 x geared motor
- 1 x transition hood with 2 transition connecting pieces



One-way container

The one-way container system for **paste-like** materials

Benefits at a glance

- No rental or installation fees for silos
- Simple logistics thanks to Euro-pallet dimensions
- Can be transported with a pallet truck
- Flexible trailer transport
- Quick and simple setup
- No retrieval necessary
- Excellent idling performance
- Rainproof and watertight if stored outdoors
- To be combined with 230V delivery pump inoBEAM F30E
- Easy and environmentally friendly disposal no waste water



Technical data

One-way container

Fill quantity	up to 800 kg
Unladen weight	70 kg
Dimensions (L x W x H)	1,200 x 800 x 1,600 mm
Connection	Kamlock connection directly on the wet delivery unit inoFLEX paste-like

The one-way container offers a flexible one-way solution for filling, transporting and processing paste-like materials in conjunction with powerful, ultra-modern machine technology! A funnel-shaped interior in the one-way container safely guides the filling material to the outlet units.

The material flow can be interrupted, if necessary, using a locking slider – e.g. if flanged machines are removed after work is complete.

Areas of application

Organic filling compounds and external plasters, and much more.

**Ask your
Material supplier
for the
one-way container
from INOTEC.**



The **one-way container** for paste-like materials can be combined with the following mechanical engineering:

- **One-way container** combined with the flexible wet conveying unit **inoFLEX Mono pastelike** and the 230 V feed pump **inoBEAM F30 E**

Accessories from page 9

One-way container

for **paste-like** materials in combination with the **inoFLEX Mono paste-like delivery unit** and **the inoBEAM F30 E delivery pump**

inoFLEX Mono paste-like Benefits at a glance

- Extremely simple assembly on the inoBEAM F30 E delivery pump
- Simple transport by one person
- High delivery rate
- Low-maintenance and construction site-compliant technology
- Simple cleaning



The flexible **inoFLEX Mono paste-like** delivery shaft transports the material to be processed from a one-way container or from an IBC container directly into the pump hopper, and from there into the material hose for the spray or bonding gun. The **inoFLEX Mono paste-like** delivery unit is combined with the **inoBEAM F30 E** delivery pump.

Areas of application

Paste-like materials, organic filling compounds, external plasters, and much more.

Technical data

inoFLEX paste-like wet delivery unit

Operating voltage	230 V / 50 Hz
Motor rating	1.1 kW
Delivery rate	12 l/min
Connection	Flexible
Delivery shaft	Flexible

inoBEAM F30 E delivery pump

Operating pressure max.	40 bar
Operating voltage	230 V / 16 A / 50 Hz
Motor rating	3.0 kW
	frequency-controlled
Delivery rate	0 - 30 l/min
Delivery range	up to 80 m*
Delivery height	up to 25 m*
Material hopper	10 l / 60 l
Dimensions (L x W x H)	1,450 x 530 x 700 mm
Weight	approx. 85 kg

* Depending on the material consistency

Scope of delivery inoFLEX Mono paste-like Item no. 10010010

- Flexible hose, approx. 0.5 m with C coupling
- Adapter fitting for B to C coupling
- Delivery shaft
- Gear motor
- Stainless steel cover
- Control panel
- Level probe
- Cable for probe control system
- Hopper elevation

Scope of delivery inoBEAM F30 E Item no. 10044215

- Frame
- 2 running wheels
- Plastic material hopper (for filling e.g. with liquid or paste-like material from buckets)
- Cover for material hopper
- Gear motor
- Switching cabinet
- 3 m connecting cable
- Pump shaft
- Stainless steel pump housing
- Tool set
- Assembly, spray lubricant
- Operating manual

Set "D"-F30

for spray applications (18 l / 40 bar)
Item no. 10041913*

Set "HP"-F30

for airless spray-on filling compounds (8 l / 90 bar)
Item no. 10044659*

* For scope of delivery, see accessories



inoFLEX
paste-like



inoBEAM F30 E

Accessories from page 9










Accessories

One-way container
inoMIX E12
inoBEAM F30 E
inoFLEX Mono powdery
inoFLEX Duo powdery
inoFLEX paste-like

	Vibrating unit for OWCs The vibrator is strapped directly to the one-way container • For non-flowing powdery material in a one-way container • Prevents 'tunnel formation' in the material hopper Scope of delivery: Vibrating unit with support bracket, tension belt and power cable					Item no.	•	•	•	•	•	•
						10039026	—	—	—	—	—	✓
	Vibrating unit with vibration rods for OWC and big bags The vibration unit is stuck directly into an OWC or big bag and secured with a tension belt • For non-flowing powdery material in an OWC or Big Bag - Prevents "tunnelling" or "bridging" Scope of delivery: Vibrating unit assembled on plate with vibration bars, including 230 V connecting cable and tension belt.					Item no.						
						10043840	—	—	—	—	—	✓
	Water/air hose • For universal use, e.g. air, water • GEKA couplings press-fitted with sleeves on both sides Technical data: Operating pressure: max. 15 bar Temperature range: -20 to +90 °C		Ø	Length	Item no.							
			1/2"	10 m	10022000	—	—	—	✓	—	—	
			1/2"	15 m	10022001	—	—	—	✓	—	—	
			1/2"	20 m	10022002	—	—	—	✓	—	—	
			3/4"	20 m	10022011	—	—	—	✓	—	—	
	Inotec mortar hose • Abrasion-resistant special hose for pumping highly pressurised wet mortar • Yellow on the outside: Less heat development compared to black hoses • With mortar hose couplings • With cam levers on the M-piece Technical data: Operating pressure: 40 bar Bursting pressure: 120 bar		Ø	Length	Item no.							
			25 mm	10 m	10008346-001	—	—	—	✓	—	—	
			25 mm	15 m	10008346-002	—	—	—	✓	—	—	
			25 mm	20 m	10008346-003	—	—	—	✓	—	—	
			35 mm	10 m	10022032	—	—	—	✓	—	—	
			35 mm	20 m	10008346-007	—	—	—	✓	—	—	
	High-pressure / hoses	Ø in mm	Screw connection joint	Max. operating pressure	Length	Item no.						
		12	1/2" IT	275 bar	2 m	10044639	—	—	—	✓	—	—
		19	3/4" IT	215 bar	10 m	10044638	—	—	—	✓	—	—
		19	3/4" IT	215 bar	20 m	10044637	—	—	—	✓	—	—
	INOTEC airless gun AG 190 LB for inoBEAM F12 / F30 and F70 HP • Connection 3/8" ET, including swivel joint / Maximum pressure: Technical data: Maximum pressure: 250 bar Not included in the scope of delivery: • RAC X nozzle holder • HDA nozzle 543 • Transition nipple 3/4" ET x 1/2" IT • Adapter 1/2" ET x 3/8" IT					Item no.						
						10044654	—	—	—	✓	—	—
						10012119	—	—	—	✓	—	—
						10008017-018	—	—	—	✓	—	—
						10043718	—	—	—	✓	—	—
						10044655	—	—	—	✓	—	—
	Flushing hose • For removing blockages in mortar hoses			Length	Item no.							
				10 m	10024385	—	—	—	✓	—	—	











Accessories

One-way container
inoMIX E12
inoBEAM F30 E
inoFLEX Mono powdery
inoFLEX Duo powdery
inoFLEX paste-like

	Wireless remote control <ul style="list-style-type: none"> • Wireless remote control, 3-channels, with handheld transmitter, integrated antenna, 4-pole Harting plug with LED display • Only for devices with a control voltage of 24 V / 42 V • Function: ON / OFF/ TEST 		Item no. 10044303	●	●	●	●	●	●
	Remote control cable with remote control switch	Length	Item no.						
		16 m	10042464	—	—	—	✓	—	—
		32 m	10042465	—	—	—	✓	—	—
	Remote control extension cable without remote control switch	Length	Item no.						
		16 m	10015210	—	—	—	✓	—	—
		32 m	10042463	—	—	—	✓	—	—
	Remote control switch <ul style="list-style-type: none"> • With 0.2 m cable, indicator light and Harting plug 		Item no.						
			10015134	—	—	—	✓	—	—
	Hose holder <ul style="list-style-type: none"> • For time-saving attachment of the hoses to the frame 		Item no.						
			10018503	—	—	—	✓	—	—
	inoCOLL one-handed gun with mortar coupling <ul style="list-style-type: none"> • For bonding and basecoat mortars • Whip hose, 2 m, Ø 19 mm with mortar coupling LW 24, suitable for 25 mm mortar hose • For grain sizes up to 1.5 mm 		Item no.						
			10024144	—	—	—	✓	—	—
	inoCOLL PRO one-handed gun with mortar coupling <ul style="list-style-type: none"> • For bonding and basecoat mortars • For grain sizes up to 4.0 mm 		Item no.						
			10041950	—	—	—	✓	—	—
	Spray attachment for inoCOLL / PRO one-handed gun <ul style="list-style-type: none"> • For spraying mineral and paste-like products • With 10 mm nozzle 		Item no.						
			10039322	—	—	—	✓	—	—
	Short spray pipe with mortar coupling 25 mm Short, lightweight spray pipe with L24 coupling for spraying paste-like materials. The special nozzle geometry enables a small compressor to be sufficient to achieve a very good spray pattern. The air volume can be regulated with the integrated mini ball valve. <ul style="list-style-type: none"> • For grain sizes up to 3 mm • Suitable for a 25 mm mortar hose Scope of delivery: Short spray pipe with 2 m whip hose (diameter 19 mm), with mortar coupling 25 mm and 2 m air hose with GEKA coupling, <u>without</u> nozzles		Item no.						
			10039887	—	—	—	✓	—	—










Accessories

One-way container
inoMIX E12
inoBEAM F30 E
inoFLEX Mono powdery
inoFLEX Duo powdery
inoFLEX paste-like

	Nozzles for: - Spray attachment for inoCOLL / PRO one-handed gun (10039322)- Small spray pipe (10039887) - Angled spray head with GEKA coupling (10039457) - Spray pipe set (10039886) • Stainless steel * For grain sizes up to 6 mm		Ø	Item no.	•	•	•	•	•	•
			4 mm	10044445	—	—	—	✓	—	—
			5 mm	10044446	—	—	—	✓	—	—
			6 mm	10044447	—	—	—	✓	—	—
			8 mm	10044448	—	—	—	✓	—	—
			10 mm	10044449	—	—	—	✓	—	—
			13 mm*	10044450	—	—	—	✓	—	—
	MAI finishing coat device, straight • With 25 mm M-piece coupling • Includes jet nozzle 14 mm			Item no.						
				10024362	—	—	—	✓	—	—
	Jet nozzle • For MAI finishing coat device		Ø	Item no.						
			10 mm	10024378	—	—	—	✓	—	—
			12 mm	10024379	—	—	—	✓	—	—
			14 mm	10024380	—	—	—	✓	—	—
			16 mm	10024381	—	—	—	✓	—	—
	Straight finishing coat device • With 25 mm M-piece coupling • Includes finishing coat nozzle 14 mm			Item no.						
				10024098	—	—	—	✓	—	—
	Set "D"-F30 (Rotor/stator D6-3 Eco gold) Ø 89 mm, 18 l/min, 40 bar, e.g. for spray applications Scope of delivery: Pressure and suction flange with tie rods, mortar pressure gauge, rotor/stator D6-3 Eco Gold			Item no.						
				10041913	—	—	—	✓	—	—
	Set "HP"-F30 With this optional set, the inoBEAM F30 delivery pump can be converted into a powerful 230 V airless spray device in just a few steps. A delivery rate of up to 8 l/min is achieved with 3.0 kW when processing spray-on filler. Scope of delivery: SPRAY high-pressure pump, 20 m high-pressure hose 3/4" and 2 m 1/2", airless gun, pressure and suction flange "HP", pressure control and tie rod "HP", nozzle holder, nozzle			Item no.						
				10044659	—	—	—	✓	—	—
	Finishing coat nozzles • For finishing coat device item no.: 10024098		Ø	Item no.						
			10 mm	10024089	—	—	—	✓	—	—
			12 mm	10024090	—	—	—	✓	—	—
			14 mm	10024091	—	—	—	✓	—	—
			16 mm	10024093	—	—	—	✓	—	—
	Coupling reducer • For connecting two mortar hoses or reducing the machine outlet.		35 V-piece -> 25 V-piece	Item no.						
				10022101	—	—	—	✓	—	—
	Cleaning piece with GEKA coupling • For cleaning mortar hoses			Item no.						
				25-V-piece	10022113	—	—	—	✓	—
				35-M-piece	10022114	—	—	—	✓	—
				25-M-piece	10022112	—	—	—	✓	—
	Sponge balls • For cleaning material / mortar hoses		Ball Ø	Hose Ø	Item no.					
			20 mm	19 mm	10008116-003	—	—	—	✓	—
			30 mm	25 mm	10008116-007	—	—	—	✓	—
			45 mm	35 mm	10008116-008	—	—	—	✓	—







Accessories

One-way container
inoMIX E12
inoBEAM F30 E
inoFLEX Mono powdery
inoFLEX Duo powdery
inoFLEX paste-like

	Plastic material hopper Plastic hopper as an optional attachment for the pump hopper to increase the volume from 10 to 50 litres.	Item no.	•	•	•	•	•	•
		10044178	—	—	—	✓	—	—
	Cover for material hopper <ul style="list-style-type: none">• For protecting the contents of the hopper against impurities• Made of plastic, black	Item no.						
		10041816	—	—	—	✓	—	—
	Bag mangle <ul style="list-style-type: none">• For emptying plastic bags containing paste-like material	Item no.						
		10041971	—	—	—	✓	—	—
	230 V INOTEC Compact 330 compressor The compact 230-volt compressor is ideal for a wide range of applications, such as spraying decorative coatings, plasters or bitumen, for operating pneumatic tools, painting, etc. Technical data: Operating pressure: 10 bar Suction capacity: 330 l/min Output: 2.05 kW Dimensions (L x W x H): 396 x 473 x 598 mm Weight: 32 kg Powerful compressors on request!	Item no.						
		10034389	—	—	—	✓	—	—
	Connection unit for 2 INOTEC Compact 330 compressors consisting of check valve and EWO coupling <ul style="list-style-type: none">- 2 x V-piece- 1 x M-piece	Item no.						
		10019060	—	—	—	✓	—	—
	Bag hopper <ul style="list-style-type: none">• Bag hopper for connection to inoMIX E12 including metering shaft• Volume: 50 litres	Item no.						
		10035393	—	—	—	—	✓	—
	Metering shaft for bag hopper	10037612	—	—	—	—	✓	—
	Mixing shaft for inoMIX E12 (from series no.: 13662 construction year: 2014)	Item no.						
		10041421	—	—	—	—	✓	—
	Metering shaft for inoMIX E12 - gradient 30 mm	10006023	—	—	—	—	✓	—
	Delivery shaft <ul style="list-style-type: none">• Delivery shaft for inoFLEX Mono (length: 2,700 mm)• Delivery shaft for inoFLEX Duo (length: 3,200 mm)• Delivery shaft for inoFLEX Mono pastes (gradient: 31 mm)	Item no.						
		10041423	—	—	✓	—	—	—
		10042457	—	✓	—	—	—	—
		10010096	✓	—	—	—	—	—
	Pump shaft for inoBEAM F12 / F30	Item no.						
		10006177	—	—	—	✓	—	—

Accessories

One-way container
 inoMIX E12
 inoBEAM F30 E
 inoFLEX Mono powdery
 inoFLEX Duo powdery
 inoFLEX paste-like

	Rotor spray (for high-pressure pump inoBEAM F30 HP)	Item no.	•	•	•	•	•	•
		10042467	—	—	—	✓	—	—
	Stator spray (for high-pressure pump inoBEAM F30 HP)	Item no.	—	—	—	✓	—	—
		10042466	—	—	—	✓	—	—
	Rotor D4-½ output • Head marked in green	Item no.	—	—	—	✓	—	—
	Stator D4-½ output, soft with clamping bar	Item no.	—	—	—	✓	—	—
		10022503	—	—	—	✓	—	—
	Rotor D6-3 "Eco Gold" • Head marked in gold	Item no.	—	—	—	✓	—	—
	Rotor D6-3 "Eco-Gold" • Without rotation lock, colour gold	Item no.	—	—	—	✓	—	—
		10022509	—	—	—	✓	—	—
	Rotor D7-2.5 "S"	Item no.	—	—	—	✓	—	—
	Stator D7-2.5 "Mono Plus" (maintenance-free)	Item no.	—	—	—	✓	—	—
		10042506	—	—	—	✓	—	—
	Rotor D8-1.5 • Head marked in yellow	Item no.	—	—	—	✓	—	—
	Stator yellow D8-1.5 (maintenance-free)	Item no.	—	—	—	✓	—	—
	Stator yellow D8-1.5 with clamping strip	Item no.	—	—	—	✓	—	—
		10022519	—	—	—	✓	—	—
	Assembly spray lubricant • For installation of rotor and stator • 400 ml	Item no.	—	—	—	✓	—	—
		10004591	—	—	—	✓	—	—

Push in the shaft, pull the ripcord and you are ready to start!

Various material suppliers have been offering one-way containers (OWC) for many years. However, the compression of the material during transport was the 'killer criterion' which plagued end customers on the construction site, because the compacted material could not be simply conveyed out of the OWC.

INOTEC has tackled this problem and equipped the one-way container with a 'double bottom'.

The material is generally supplied directly from the material supplier in the one-way container on a Euro-pallet and delivered to the construction site. When the corresponding machine technology has been connected to the OWC, you simply pull on the release cord and open the double bottom inside the **one-way-container**.

This works in principle like a zip fastener.

The material then drops down by around 20 cm, loosening it up and allowing it to be conveyed out of the one-way container without any problem.

Ask your materials supplier about the new One-Way-Container from INOTEC.



Sample costing (solely for OWC powder) using floor levelling compound

Project data: 750 m ² - 3 mm layer thickness - 4.8 kg per m ² - Total consumption: 3,600 kg			
	Manual Processing (Bagged goods)	Mechanical Processing (Bagged goods)	Mechanical Processing from One-way-container*
Mixing rate	3 minutes per bag	N/A	N/A
Flow path	5.2 l/min	18 l/min	18 l/min
Machine setup time	10 min	45 min	45 min
Material provisioning	45 min	10 min	N/A
Casting time, including mixing period	432 min.	125 min.	125 min.
Total time in minutes	487 min	180 min	170 min
Total time	approx. 8 hours	approx. 3 hours	approx. 2.8 hours
Number of employees	4 employees	4 employees	Only 3 employees!!!
Hourly wage	€ 42.00	€ 42.00	€ 42.00
Total sum	€ 1,344.00	€ 504.00	€ 353.00*

* Further unbeatable benefits for the use of OWCs in combination with Inotec machines: Dust-free work, saving on a fourth employee who has to continuously replenish the mixing pump when processing the bagged goods mechanically; no "heavy lifting" and no back problems for employees, no cleaning or transport of the silos required. The material is always kept at the right consistency, making it possible to work continuously and quickly without any interruption. The one-way container is disposed of simply and in an environmentally friendly way at the end of the building site work.

General terms and conditions of Inotec GmbH

Valid from April 2021

§ 1

General, scope

I. All offers, deliveries and other services provided by INOTEC GmbH — including in the future — are exclusively subject to these general terms and conditions. Terms and conditions of the customer that deviate from or are not included in our terms and conditions are not recognised unless INOTEC GmbH has explicitly agreed to their validity in writing. Counter-confirmations by the customer with reference to their terms and conditions of business or purchase are hereby rejected.

II. INOTEC GmbH's general terms and conditions of leasing apply to leasing services we provide.

§ 2

Product descriptions, application-related information, subject to change

I. Machine descriptions in brochures, technical data sheets, etc. do not constitute quality guarantees. Application-related information and recommendations that INOTEC GmbH issues verbally and in writing to support the customer or processor are based on our current level of knowledge. They are non-binding and do not establish any contractual rights nor any secondary obligations from the purchase contract, unless explicitly agreed otherwise.

II. We reserve the right to make design and material changes, provided that normal use of the delivery item or use required under the contract is not significantly or adversely affected and the change is reasonable for the customer.

§ 3

Delivery period, assembly deadline

I. Agreed delivery periods start on conclusion of the contract, but not before the customer has provided the necessary documents and approvals and has fully clarified all of the details regarding the requested execution and all technical questions. Compliance with the delivery period always requires the customer to meet its contractual obligations.

II. In the event of force majeure and any unforeseeable obstacles which were unknown on conclusion of the contract, where we are not responsible for such obstacles, the delivery period shall be extended appropriately — including within a delay — insofar as it is proven that such obstacles impacted the provision of the service owed. This also applies if these circumstances apply to sub-suppliers. We shall notify the customer of the start and end dates of such obstacles as early as possible. If the obstacle lasts for more than three months or if it is determined that this will last for more than three months, both we and the customer may withdraw from the contract.

III. If we have agreed the time of delivery, assembly or installation with the customer, the customer is obliged to take all precautions at their place of work to be able to carry out their planned work. In particular, the customer is obliged to provide electrical connections, compressed air connections and adequate lighting at the place of work. If the customer is responsible for the fact that we are unable to complete the planned work, are unable to complete it in full, or are unable to complete it within a reasonable period of time, the customer is obliged to compensate us for any damages incurred, and is particularly obliged to reimburse use for any additional costs incurred as a result of additional journeys and wasted working hours additionally required from our employees. The assembly deadline is met if assembly has been carried out for acceptance by the customer by the deadline. If a test is stipulated by the contract, the deadline is met if assembly has been carried out for execution by the deadline. If there are any delays as a result of force majeure or circumstances for which the customer is responsible, the assembly deadline shall be extended to a reasonable extent.

IV. If the customer has demonstrably suffered damage as a result of a delay by INOTEC GmbH as an assembly company, they are entitled to demand compensation for the delay. In the case of simple negligence on the part of INOTEC GmbH, this is a fixed amount totalling 0.5% for each full week of the delay, but this amount shall not exceed 5% of the value of the part of the total delivery that cannot be used on time or in line with the contract as a result of delayed assembly.

§ 4

Transportation, transfer of risk, packaging, partial deliveries

I. Unless otherwise agreed, INOTEC GmbH shall deliver goods carriage forward and uninsured to the named destination at the risk of the recipient. If there are any damages in transit, the damage must be confirmed by the carrier before the goods are accepted. If carriage paid delivery is owed, this only applies to shipping and transportation standard in the industry. Additional costs, e.g. for express freight requested by the customer, shall be borne by the customer.

II. Unless otherwise agreed, risk for shipping transactions transfers to the customer as soon as the delivery has been handed over to the person providing transportation. If dispatch is not possible for reasons for which INOTEC GmbH is not to blame, risk transfers to the customer upon notification that the goods are ready for dispatch. If the customer collects the goods, risk transfers when the goods are handed over.

III. Unless explicitly agreed otherwise, INOTEC GmbH shall provide deliveries without packaging.

IV. INOTEC GmbH is entitled to partial delivery and partial performance to a reasonable extent.

§ 5

Prices and payment, returns

I. Unless otherwise agreed, prices do not include packaging, transportation, insurance, unloading, installation, assembly and commissioning, namely for delivery ex works or from the delivery warehouse, and are exclusive of statutory VAT at the respective rate. The prices quoted are only valid for the respective individual order. Assembly is billed based on time spent, unless a fixed rate has been explicitly agreed.

II. If contracts have an agreed delivery period of more than two months, both contracting parties may request a change in the agreed price if costs decrease or increase after the contract is concluded and the contracting parties cannot avoid this, particularly if such decreases or increases are caused by collective bargaining agreements or changes in the cost of materials. The price change must be limited to the amount required to compensate for the cost decrease or increase. A party is entitled to a similar price adjustment if delays arise for which the other party is responsible and these result in an actual delivery period of more than two months.

III. Unless otherwise agreed (e.g. when the invoice is sent), payments are to be made immediately on delivery of the goods. Payment is only considered to have been made when INOTEC GmbH has the amount at its disposal.

Granting a payment term once or several times only applies to the invoice amount referred to and not to other receivables (e.g. receivables from other or future deliveries).

IV. If the customer defaults on payment, INOTEC GmbH may demand statutory default interest as a minimum.

V. Offsetting payments or retaining payments where such retention equates to offsetting is only permitted if the customer has legal claims that are recognised by INOTEC GmbH, are not disputed, are pending judgement or have been established by law.

VI. Despite any of the customer's provisions to the contrary, INOTEC GmbH is entitled to initially offset payments against their older debts and will notify the customer about the type of offsetting that has taken place. If costs and interest have already been incurred, INOTEC GmbH is entitled to offset the payment against the costs first, then against the interest and finally against the main receivable.

VII. If the customer defaults on acceptance of the delivery items or on payment, INOTEC GmbH may withdraw from the contract and/or may demand compensation instead of performance after a reasonable grace period passes to no avail, where such a grace period is required by law and is set by INOTEC GmbH. If a compensation claim for damages is asserted, INOTEC GmbH may demand compensation at the amount of 15% of the purchase price, without being required to provide evidence to compensate for lost profit. The contracting parties are free to provide evidence of higher or significantly lower actual damage.

VIII. If we take back goods after consultation without any legal obligation, a credit note will be issued that totals a maximum of the value of the goods. With respect to the expenses incurred (loss of value, testing, cleaning, freight, packaging, administrative expenses, etc.), we reserve the right to deduct the working hours spent at current billing rates and/or a percentage of the value of the goods from the credit note, and with respect to machine returns, we reserve the right to carry out a leasing calculation using current leasing rates.

§ 6

Retention of title, extended retention of title

I. INOTEC GmbH retains title to the delivered goods until all receivables from the concluded contract, including all accessory claims (e.g. exchange costs, financing costs, interest) have been met in full. If several items are delivered for a total price, ownership of all items remains reserved until full payment has been made.

If a current account agreement has been made with the customer, retention of title exists until the recognised current account balance has been paid in full.

If cheques or bills of exchange are accepted, fulfilment only occurs when the cheque or bill of exchange has been cashed and INOTEC GmbH has the amount at its disposal without any recourse risks.

II. The customer is obliged to treat the goods subject to retention of title with care and to immediately notify INOTEC GmbH in the event of seizure, confiscation, damage or loss. Any breach of this obligation gives INOTEC GmbH the right to withdraw from the contract. The customer shall bear all of the costs that have to be paid, particularly in the context of third-party action against seizure being lifted and, if necessary, for the replacement of the delivery items, unless they can be recovered from third parties.

III. If the customer defaults in payment with respect to a not considerable portion of its obligations, INOTEC GmbH is entitled to temporarily take back the goods subject to retention of title. Exercising the right of withdrawal does not constitute a withdrawal from the contract, unless INOTEC GmbH has explicitly declared withdrawal. The customer shall bear any costs that arise from the exercise of the right of withdrawal (in particular for transportation and storage) if INOTEC GmbH threatened withdrawal within a reasonable period of time. INOTEC GmbH is entitled to dispose of the goods subject to retention of title that have been taken back and to offset its claims with the proceeds, provided that INOTEC GmbH has previously threatened to dispose of them. In the threat, INOTEC GmbH must have set the customer a reasonable deadline to meet their obligations.

IV. The customer hereby assigns to INOTEC GmbH the purchase price, wages or other receivables (including the recognised balance from a current account agreement or, in the event of insolvency on the part of the customer's business partner, the 'causal balance' available) at the amount of the invoice value for the goods subject to retention of title (inclusive of VAT) from the onward sale or further processing of the goods subject to retention of title, or which arise because of another legal reason (insurance, tort, loss of ownership caused by connecting the delivery item to a property); INOTEC GmbH hereby accepts the assignment. INOTEC GmbH revocably authorises the customer to collect receivables assigned to INOTEC GmbH for the account of INOTEC GmbH in their own name. This collection authorisation can only be revoked if the customer does not properly meet their payment obligations. In such a case and at the request of INOTEC GmbH, the customer must provide information on the assigned receivables which is required for collection, in addition to making corresponding documents available and notifying the debtor of the assignment. The assignment of receivables under sentence 1 serves to secure all receivables — including in the future — from the business relationship with the customer.

§ 7

Notice of defects, rights in the event of material defects

I. If a contract is established with a consumer (§13 of the Civil Code [Bürgerliches Gesetzbuch, BGB]), the statutory provisions that entered into force on 01/01/2002 shall apply.

II. If the purchase is a commercial transaction for both parties, the customer must provide immediate notice of any defects in writing, provided that this is in line with the normal course of business. Notice of hidden defects, however, must only be given after they are discovered; otherwise the goods are considered to be accepted.

III. Insofar as the delivery item and/or the associated assembly service is defective, the customer can either request that the defect is remedied (repair) or that an item free of defects is delivered (replacement delivery) as supplementary performance, at INOTEC GmbH's discretion, for a period of 12 months from transfer of risk. If we are not prepared or are unable to carry out the repair/replacement delivery, particularly if this is delayed beyond a reasonable period for reasons for which we are responsible, or if the repair/replacement delivery fails in any other way, and if further attempts at supplementary performance are unreasonable for the customer, they shall be entitled to withdraw from the contract or to reduce the purchase price, at their discretion. If there is a negligible defect, the customer may only withdraw from the contract with our consent.

IV. No claims for material defects arise in the event of unsuitable or improper use or treatment of the goods, incorrect assembly or commissioning by the customer or third parties, natural wear and tear (especially for wearing parts), unsuitable equipment or operating conditions, inadequate maintenance, etc.

V. If the defective goods are third-party products, we are entitled to assign our claims for material defects against our sub-suppliers to the customer and

to refer them to their (judicial) claim. A claim can only be made against us if claims against our sub-suppliers are not enforceable despite the (judicial) claim being made on time, or if the claim is unreasonable in the individual case.

§ 8

Limitation of liability

I. INOTEC GmbH shall be liable for intent and gross negligence.

II. INOTEC GmbH shall only liable for simple negligence if essential contractual obligations (cardinal obligations) have been breached, except in the case of injury to life, limb or health. Liability is limited to foreseeable damage typical for the contract.

III. Liability for indirect and unforeseeable damage, loss of production and use, loss of profits, loss of savings and financial losses due to claims by third parties is excluded in the case of simple negligence, except in the case of injury to life, limb or health.

IV. Further liability that goes beyond this contract is excluded, regardless of the legal nature of the asserted claim. However, the above limitations or exclusions of liability shall not apply to no-fault liability that is mandatory by law (e.g. in accordance with the Product Liability Act [Produkthaftungsgesetz]).

V. Insofar as liability under points II and III is excluded or limited, this shall also apply to the personal liability of INOTEC GmbH's employees, workers, representatives, bodies and vicarious agents.

§ 9

Fixed compensation for damages

I. If the buyer cancels the order before execution, INOTEC GmbH is entitled to demand 15% of the total order amount as compensation.

II. INOTEC GmbH's right to claim higher damage amounts remains unaffected.

§ 10

Documents, demonstration equipment, property rights

We shall retain title and copyrights to drawings, drafts, cost estimates and other documents provided by us, particularly samples and demonstration equipment. Documents and items may not be reproduced or made accessible to third parties without our explicit, specified consent.

§ 11

Place of jurisdiction, applicable law

I. The law of the Federal Republic of Germany applies to these general terms and conditions and the entire legal relationship between INOTEC GmbH and the customer, excluding the UN Convention on Contracts for the International Sale of Goods (CISG).

II. If the customer is a merchant within the meaning of the Commercial Code (Handelsgesetzbuch), a legal entity under public law or a special fund under public law, the place of jurisdiction for all rights and obligations of the parties to the contract from any transaction — including those involving bills of exchange and cheque disputes — is Waldshut-Tiengen (Federal Republic of Germany). The same shall apply if the customer does not have a general place of jurisdiction in Germany, has moved their domicile or usual place of residence outside of Germany after concluding the contract, or their place of residence or usual place of residence is not known at the time when the action is filed. However, we are also entitled to sue the customer at their general place of jurisdiction.

INOTEC GmbH

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Managing Director:

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Jörg Tetling
Commercial Register:
Freiburg District Court HRB 621 131

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