

JOCKEL®

 **Made in Germany!**

Mobile Solutions

Trolleys & extinguishing containers
for industries, factories und logistics



www.jockel.de

► Safe handling

- Easy handling in 3 steps
- Visual guide for quick orientation

► Clever design

- **Compact dimensions:** all units fit through the smallest door (acc. DIN 18101)
- Comfortable remote initiation of valve possible (depending on propellant)
- **Perfect handling thanks to heavy-duty-wheels:** steerable front wheels for easy navigating and big rear wheels to pass small barriers; Dead-man's handle to avoid uncontrollable rolling off. (special equipment)
- **Space saving and rollable reel:** up to 50 m hose (depending on model) can be rolled up easily
- **Safety mechanism:** pressure reducer ensures constant cylinder pressure and regulates spreading of extinguishing agent; incl. overpressure valve

► Powerful extinguisher agents

- 250 kg ABC-Powder
- 250 kg BC-Powder
- 250 kg D-Powder for metal fires
- 250 l Foam (premix)
- 135 kg CO₂ (please note separate safety instructions if using CO₂ - risk of suffocation)

► Convenient service

- **Service-friendly:** easy dismantling of the hood for maintenance
- **Economically:** standardised spare parts - no special tools required

Wheeled extinguishing-containers



Fits through every common door

► Powerful extinguishing effect on wheels

Sometimes it just has to be more. Especially if more extinguishing performance is needed. Our extinguishing containers are available with every general extinguishing agent, such as powder, foam and CO₂ to provide different operation scopes. With its high quality wheels and the Dead-man's handle* the container is easy controllable. Due to its vast extinguishing capacity, the container is also a cost-effective alternative to a stationary fire fighting solution.

***Security advice:** Carbon dioxide can be a danger of asphyxiation in closed rooms. Within the risk assessment the amount of extinguishing agent should be defined depending on the room volume. In operation all persons should be alarmed and leave the room. Before entering again, please open windows and doors and air the room. We recommend to train your staff. Due to the danger of asphyxiation CO₂ fire extinguishers are not suitable for extinguishing burning victims. We recommend a special staff-training. Containers should be a part of risk management.

► Easy handling in 3 steps



Operation in only 3 steps

- 1** Open propellant bottle
1. Pull side lever
2. Pull handle
- 2** Wait until pressure reaches
min. 11 bar
- 3** Switch lever valve to „On“
and start extinguishing
the fire

► Set up your own extinguishing container in only 4 steps

Your extinguishing container with flame resistant case will be produced especially according to your demand. Besides choosing the right extinguishing agent you can also select between two different models: Fixing brake or Dead-man's handle, a special brake for easy stopping. According to your requirement you can also choose a 30 m or 50 m inherently stable hose.

1	Extinguishing agent	2	Brake	3	Hose (inherently stable)	4	Forklift pockets
	ABC-Powder P 250 GJ or BC-Powder/BCK-Powder P 250 JBC/P 250 JBCK or D-Powder for metal fires P 250 MJ or Foam S 250 J or Carbon dioxide K 135 J		handbrake or Dead-man's handle		30 m or 50 m (depending on agent)		Optional with forklift pockets for a safe transportation

► Technical data

Type	Capacity agent	Fire-classes	Temperature range	Discharge time/range	Equipment	Length approx.	Width approx.	Height approx.	Weight approx.
P 250 GJ	250 kg ABC-Powder	ABC	-20°C to +60°C	ca. 5 kg/sec. ca. 15 m	Powder-pistol (controllable)	1200 mm	800 mm	1300 mm	540 kg
P 250 J BC	250 kg BC-Powder	BC	-20°C to +60°C	ca. 5 kg/sec. ca. 15 m	Powder-pistol (controllable)	1200 mm	800 mm	1300 mm	540 kg
P 250 MJ	250 kg D-Powder for metal fires	D	-20°C to +60°C	ca. 1,5 kg/sec.	Lance with applicator for metal fires	1200 mm	800 mm	1300 mm	540 kg
S 250 J	250 l Premix Foam	AB	0°C to +60°C	ca. 2,5 l/sec. ca. 15 m	Tail pipe	1200 mm	800 mm	1300 mm	535 kg
S 250 J AR GREEN ¹⁾	250 l JoMix AB AR GREEN	AB	+0°C to +60°C	ca. 2,5 l/sec. ca. 15 m	Tail pipe	1200 mm	800 mm	1300 mm	535 kg
K 135 J	135 kg CO ₂	B	-20°C to +60°C		Fire hose	1200 mm	800 mm	1300 mm	550 kg

1) Extinguishing agent suitable for polar fires. Please note special information in our manual. We recommend special staff training.

► User-friendly operation

- Easy handling with immediately recognisable operation
- Controllable and comfortable operating and dosage by using extinguishing pistol
- Simple use of the valve for activating the extinguisher; stored pressure with half-automatic: simply pull safety pin for activating
- Robust carriage for maximum mobility
- Trolleys can be operated by a single person

► Clever design

- High-pressure hose
- Separately replaceable propellant-bottles for cartridge operated trolleys

► Convenient service

- **Service-friendly:** Easy refilling, and (de)assembling
- **Economical-friendly:** standardised spare parts; no need for special tools regarding maintenance

► High quality

- High-performance extinguishing agent
- High-quality brass valves
- Effective corrosion protection due to eco-friendly polyester-coating
- Weather-proofed
- Steel wheels as special equipment possible

► Approval/Certification

- Approved according to DIN EN 1866
- P 25 AJ, P 50 AJ, P 50 GJ, P 25 J Externa ABC, P 50 J Externa ABC approved according to MED 96/98/EG for shipping

► Technical data

Type	Item-no 5 m /10 m Hose	Capacity agent	Rating	Temperature range	Propel lant	Discharge time/ discharge range	Height approx.	Axle- width approx.	Width approx.	Weight ²⁾ approx.
P 25 AJ	30-525-35 30-530-35	25 kg ABC-Powder stored pressure	A II B C	-30°C to +60°C	Air/N ₂	46 sec. 8 m	1050 mm	390 mm	450 mm	49,5 kg
P 50 AJ	30-535-35 30-540-35	50 kg ABC-Powder stored pressure	A III B C	-30°C to +60°C	Air/N ₂	110 sec. 8 m	1050 mm	450 mm	520 mm	81,0 kg
P 50 GJ	31-765-35 31-767-35	50 kg ABC-Powder cartridge with external N ₂ - bottle	A IV B C	-20°C to +60°C	N ₂	65 sec. 8 m	1060 mm	470 mm	690 mm	96,0 kg
P 50 GJ BC	31-465-35 31-467-35	50 kg BC-Powder (sodiumcarbonate) cartridge with external N ₂ -bottle	III B C	-20°C to +60°C	N ₂	91 sec. 8 m	1060 mm	470 mm	690 mm	92,5 kg
P 50 GJ BCK	31-365-35 31-367-35	50 kg BCK-Powder (potassium carbonate) cartridge with external N ₂ -bottle	III B C	-20°C to +60°C	N ₂	78 sec. 8 m	1060 mm	470 mm	690 mm	92,5 kg
P 25 J Externa ABC	30-555-35 30-560-35	25 kg ABC-Powder cartridge with external CO ₂ -bottle	A II B C	-20°C to +60°C	CO ₂	77 sec. 8 m	1050 mm	390 mm	430 mm	51,4 kg
P 50 J Externa ABC	30-565-35 30-567-35	50 kg ABC-Powder cartridge with external CO ₂ -bottle	A III B C	-20°C to +60°C	CO ₂	118 sec. 8 m	1050 mm	450 mm	520 mm	82,5 kg
P 50 J Externa BC	30-465-35 30-467-35	50 kg BC-Powder cartridge with external CO ₂ -bottle	III B C	-20°C to +60°C	CO ₂	123 sec. 8 m	1050 mm	450 mm	520 mm	85,8 kg

1) See left column, „Approval/Certification“ for more details.

2) Weight with 5 m hose

Extinguishing trolleys Powder

Stored pressure with
half-automatic triggering



► Extinguishing effect

ABC-Powder is universally applicable for initial fires due to a wide scope of operation in fire classes A, B and C. The extinguishing effect of powder is based on an anti-catalytic effect. Which means, that the intervention of the powder particles causes a chain termination reaction in course of the reaction of the combustion process. In fire classes A (combustible material) the extinguishing agent bears a blocking effect on the incendiaries due to forming a melt layer, also called smothering sinter layers. This stops the oxygen supply and prevents reigniting.

BC- and BCK-Powder feature a high purity due to ist raw materials. BCK-Powder is based on potassium carbonate and has a more efficient extinguishing performance than pure BC-Powder.

Security advice:

We recommend special staff-training.



Mobile fire extinguishers

ABC-Powder

75 kg / 100 kg



DIN EN
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▶ Technical Data

Type	Item-no 5 m /10 m Hose	Capacity agent	Rating	Temperature range	Propel lant	Discharge range/ discharge time	Height approx.	Axle-width approx.	Width approx.	Weight ¹⁾ approx.
P 75 J	75-565-35 75-567-35	75 kg ABC-Powder cartridge with external N ₂ -Bottle	A IVB C	-30°C to +60°C	N ₂	196 sec. 8,5 m	1015 mm	575 mm	560 mm	133 kg
P 100 J	76-565-35 76-567-35	100 kg ABC-Powder cartridge with external N ₂ -Bottle	A IVB C	-30°C to +60°C	N ₂	261 sec. 8,5 m	1015 mm	575 mm	660 mm	158 kg

1) Weight with 5 m hose

▶ User-friendly operation

- Easy handling with immediately recognisable operation
- Controllable and comfortable operating and dosage by using extinguishing pistol
- Simple use of the valve for activating the extinguisher; stored pressure with half-automatic: simply pull safety pin for activating
- Robust carriage for maximum mobility
- Trolleys can be operated by a single person

▶ Clever design

- High-pressure hose
- Separately replaceable propellant-bottles for cartridge operated trolleys

▶ Convenient service

- **Service-friendly:** Easy refilling, and (de)assembling
- **Economical-friendly:** standardised spare parts; no need for special tools regarding maintenance

▶ High quality

- High-performance extinguishing agent
- High-quality brass valves
- Effective corrosion protection due to environmental-friendly polyester-coating
- Weather-proof
- Steel wheels as special equipment possible

Mobile fire extinguishers

D-Powder for metal fires

Metal fires are in general particularly dangerous due to their high temperatures. That is why the special fire class D for metal fires has been established. A special extinguishing powder has been developed to extinguish those fires successfully. Through a special applicator the extinguishing agent is applied nearly pressureless onto the fire, to avoid whirling up metal cuttings and to keep the fire from spreading. To keep the user from any danger the extinguisher is equipped with a special lance.

Jockel D-Powder extinguishers for metal fires are not only suitable for magnesium- and aluminium-fires, but also for lithium-fires, which can develop particular high temperatures.

Safety advice:

Thermal processes with extremely high temperatures demand an even more challenging fire fighting of metal fires. We recommend special staff training.



Operation scope

- ▶ Metal- and Steelsector
- ▶ Turning shop
- ▶ Disposal- and recycling companies

▶ Approval/Certification

- Approved according to DIN EN 3

▶ Technical data

Type	Item-no 5 m /10 m Hose	Capacity agent	Rating ¹⁾	Temperature range	Propella nt	Discharge range/ discharge time	Height ²⁾ approx.	Axle-width approx.	Width approx.	Weight ³⁾ approx.
P 50 MJ	31-865-35 31-867-35	50 kg D-Powder for metal fires cartridge with external CO ₂ -Bottle	D	-20°C to +60°C	CO ₂	89 sec. -	1060 mm	470 mm	690 mm	102,0 kg
P 50 MJ Externa	30-870-35 30-871-35	50 kg D-Powder for metal fires cartridge with external CO ₂ -bottle	D	-20°C to +60°C	CO ₂	161 sec. -	1140 mm	450 mm	520 mm	84,0 kg

1) Extinguishing performance is not defined

2) Without lance

3) Weight with 5 m hose

▶ User-friendly operation

- Easy handling with immediately recognisable operation
- Controllable and comfortable operating and dosage by using extinguishing pistol
- Simple use of the valve for activating the extinguisher; stored pressure with half-automatic: simply pull safety pin for activating.
- Robust carriage for maximum mobility
- Trolleys can be operated by a single person

▶ Clever design

- High-pressure hose
- Separately replaceable propellant-bottles for cartridge operated trolleys

▶ Extinguishing agents

- Jockel bio-foam
- Frost-resistant foam
- Alcohol-resistant foam
- Cartridge operated solutions

▶ New: Fluorinefree Extinguishing Agent



- The extinguishing agent JoMix AB AR GREEN works without fluorine components and solvents. It is made of almost 100% natural raw materials. The extinguishing agent is not persistent nor bio-accumulative or toxic.
- The special foam nozzle plays an essential role when perfectly aligning technology and extinguishing agent. As innovative designed Venturi nozzle, the Jockel nozzle draws air from its surrounding and swirls it with the extinguishing agent. A special thick foam layer develops and separates the oxygen from the fire source so that the fire extinguishes.
- For more information visit our website www.jockel.de

▶ Convenient service

- **Service-friendly:** Easy refilling, and (de)assembling
- **Economical-friendly:** standardised spare parts; no need for special tools regarding maintenance

▶ High quality

- High-performance extinguishing agent
- High-quality brass valves
- Effective corrosion protection due to eco-friendly polyester-coating
- Weather-proofed
- Steel wheels as special equipment possible

▶ Approval/Certification

- Approved according to DIN EN 1866; S 50 J Bio Externa, S 50 JHW Bio Externa, S 50 J Bio, S 50 FJ approved according to MED 96/98/EG for shipping

Mobile extinguishers

Foam



▶ Extinguishing effect

These mobile fire extinguishers are the ideal solution for incipient fires of fire classes A and B. Due to low specific density the water film forming foam agents are able to compose a sealed steam-tight aqueous layer on the surface of fire. This barrier prevents escaping of vapour and gas also on burning liquids. In this way oxygen supply is stopped and the fire smothers. In addition the foam agent features a cooling effect thanks to its water content. Jockel also has replaced perfluorinated surfactants with polyfluorinated surfactants (polyFT). Of course, Jockel dispenses with PFOS and PFOA.

Jockel high-performance-foam

Thanks to an optimised formula, increasing of extinguishing substances and the fine adjustment, high-performance-foam extinguishers feature an even more efficient extinguishing effect.

Jockel- Cartridge extinguishers e. g. SK 50 J Bio are one of the most innovative fire extinguishers due to their separation of foam and water.

Alcohol-resistant foam

Especially in the industrial sector where alcoholic substances are used or in medical facilities, where e. g. disinfectants are stored fire fighting needs to be faced differently.

Jockel's foam JoMix AB-AR is an alcohol-resistant foam suitable to extinguish polar and nonpolar liquids. Due to the polymeric film which the extinguisher agent forms between the surface of fire and the extinguishing agent, the burning alcoholic liquid does not break through therefore the extinguishing agent is able to develop its full effect through a closed oxygen inhibiting layer.

For an optimal result the adjustment between agent and extinguisher is significant.

A cautious application through the extinguishing pistol is important for successfully extinguishing.

Allrounder

Due to the fact that the extinguisher can be operated for polar as well as for nonpolar fires, the extinguisher is ideal when the user has no certainty about the type of fire.

Operation scope:

The extinguisher can be used for incipient fires of fire classes A and B as well as for fires polar and nonpolar. Potential operation scopes:

- ▶ Industrial sector
- ▶ Chemical, petrochemical industry
- ▶ Medical facilities
- ▶ Nursing sector
- ▶ Distillation plants
- ▶ Storage of disinfectants, varnish, solvents and ethyl alcohol
- ▶ Perfume manufacturing



Safety advice: We recommend special staff training.

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S 50 J Bio Externa



S 50 J Bio



S 50 JHW Bio Externa



S 50 J AR GREEN



S 25 AJ Bio

Technical data

Type	Item-no 5 m /10 m Hose	Capacity agent	Rating ¹⁾	Temperature range	Propel lant	Discharge range/ discharge time	Height approx.	Axle- width approx.	Width approx.	Weight ³⁾ approx.
S 25 AJ Bio	33-565-35 33-567-35	25 l Bio-Foam Stored pressure	A III B ¹⁾	+5°C to +60°C	N ₂	287 sec. 4 m	1100 mm	400 mm	615 mm	52 kg
S 25 J Bio Externa	33-465-35 33-467-35	25 l Bio-Foam cartridge with external CO ₂ -Bottle	A III B ¹⁾	+5°C to +60°C	CO ₂	254 sec. 5 m	1100 mm	400 mm	615 mm	55 kg
S 45 J Bio Externa	33-070-35 33-071-35	45 l Bio-Foam cartridge with external CO ₂ -Bottle	A IV B	+5°C to +60°C	CO ₂	290 sec. 5,5 m	1100 mm	450 mm	615 mm	80,0 kg
S 50 J Bio Externa	33-265-35 33-267-35	50 l Bio-Foam cartridge with external CO ₂ -Bottle	A IV B	+5°C to +60°C	CO ₂	290 sec. 7 m	1100 mm	450 mm	615 mm	88,0 kg
S 50 JHW Bio Externa	33-266-35 33-268-35	50 l Bio-Foam cartridge with external CO ₂ -Bottle	A IV B	+5°C to +60°C	CO ₂	158 sec. discharge distance 13 m discharge height 9 m	1100 mm	450 mm	610 mm	91,0 kg
S 50 J Bio	33-165-35 33-167-35	50 l Bio-Foam cartridge with external N ₂ -Bottle	A IV B	+5°C to +60°C	N ₂	122 sec. 8 m	1060 mm	470 mm	690 mm	104,0 kg
S 50 FJ	38-065-35 38-067-35	50 l Foam cartridge with external N ₂ -Bottle	A IV B	-20°C to +60°C	N ₂	116 sec. 8 m	1060 mm	470 mm	690 mm	104,0 kg
S 50 FJ Externa	38-667-35 38-665-35	50 l Foam cartridge with external CO ₂ -Bottle	A IV B	-30°C to +60°C	CO ₂	272 sec. 8 m	1060 mm	470 mm	690 mm	92,0 kg
SK 50 J Bio	33-185-35 33-187-35	50 l Bio-Foam cartridge with external N ₂ -Bottle and cartouche	A IV B	+5°C to +60°C	N ₂	140 sec. 8 m	1060 mm	470 mm	690 mm	99,0 kg
SK 50 JW Bio	33-186-35 33-188-35	50 l Bio-Foam cartridge with external N ₂ -Bottle	A IV B	+5°C to +60°C	N ₂	140 sec. discharge distance 13 m	1060 mm	470 mm	690 mm	99,0 kg
S 50 J AR Externa	33-271-35 33-270-35	50 l Bio-Foam cartridge with external CO ₂ -Bottle	A IV B	+5°C to +60°C	CO ₂	213 sec. 7 m	1100 mm	450 mm	615 mm	85,0 kg
S 50 J AR ⁴⁾⁵⁾ Externa GREEN	33-364-35	50 l JoMix AB AR GREEN cartridge with external CO ₂ -Bottle	A IV B	+0°C to +60°C	CO ₂	130 sec. 8 m	1100 mm	450 mm	615 mm	86,0 kg

1) See page 6, „Approval/Certification“ for more details.

2) Used eco extinguishing agent see chart

3) Weight with 5 m hose

4) For polar and non-polar fires

5) Fluorine- and solventfree extinguishing agent - GREEN

Mobile extinguishers Gel- fire extinguishers 50 l

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Extinguishing with gel is the most effective solution, especially when it comes to risky fires e. g. in plastic processing industry, in recycling companies or particularly for storage and transport of lithium-ion batteries. The gel can be sprayed easily on the source of fire and creates a cooling and airtight layer which smothers the fire. The gel's key characteristic is that it adheres to even difficult surfaces which leads to an area-wide extinguishing in an optimal way.

Technische Daten

Type	Item-No. 5 m /10 m hose	Capacity agent	Rating	Temperature- range	Propell ant	Discharge range/time	Height approx.	Axel- width approx.	Width approx.	Weight ¹⁾ approx.
G 50 JHW Externa	30-005-00	50 l gel cartridge with external CO ₂ -bottle	A IV B	+5°C to +60°C	CO ₂	166 sek. 11 m/9m	1100 mm	450 mm	610 mm	86,0 kg

1) Weight with 5 m hose



Operation scope

- ▶ Storage & transport of lithium-ion batteries
- ▶ Recycling- and plastic processing industry

Pictures can differ from actual products. Subject to modifications without notice and errors. -10/17

► User-friendly operation

- Easy handling with immediately recognisable operation
- Controllable and comfortable operating and dosage by using extinguishing pistol
- Simple use of the valve for activating the extinguisher; stored pressure with half-automatic: simply pull safety pin for activating.
- Robust carriage for maximum mobility
- Trolleys can be operated by a single person
- Extinguishing agent is not electrically conductive
- Suitable for electrical devices up to 1000 volt at a safety distance of 1 m

► High quality

- Suitable for fire class B
- Extinguishing power due to smothering
- High-quality brass valves
- Effective corrosion protection due to eco-friendly polyester-coating
- Weather-proofed parts
- Steel wheels as special equipment possible

► Convenient service

- **Service-friendly:** Easy refilling, and (de)assembling
- **Economical-friendly:** standardised spare parts; no need for special tools regarding maintenance

► Approval/Certification

- Approved according to DIN EN 1866 except KS 60 J. (according to DIN EN 3).
- K 10 J, K 20 J and K 30 J approved according to MED 96/98/EG for shipping.

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► Extinguishing effect

Carbon dioxide extinguishers extinguish without leaving any trace. Therefore it's suitable for fire fighting in server rooms or labs. Due to its gaseous form CO₂ is heavier than air and spreads fast from the ground all over the source of fire. The integrated snow horn enables a targeted extinguishing as well as a wide-spread coverage. Therefore these extinguishers can supply effective operating.

Jockel's K 20 J is also available with a lance of approx. 2,5 m and a larger carriage. This is why this model is also suitable for fire fighting at airports especially when it comes to safely fighting fire in jet engines or airplane shafts. Additionally these trolleys are equipped with reflectors.

Security advice: Carbon dioxide can be a danger of asphyxiation in closed rooms. Within the risk assessment the amount of extinguishing agent should be defined depending on the room volume. In operation all persons should be alarmed and leave the room. Before entering again, please open windows and doors and air the room. We recommend to train your staff. Due to the danger of asphyxiation Co₂ fire extinguishers are not suitable for extinguishing burning victims.

► Technical data

Type	Item-no 5 m /10 m Hose	Capacity agent	Rating ¹⁾	Temperature range	Discharge range/ discharge time	Height approx.	Axle- width approx.	Width approx.	Weight ²⁾ approx.
K 10 J	34-266-35 34-267-35	10 kg CO ₂ stored pressure	113 B	-20°C to +60°C	15 sec. 5 m	1240 mm	590 mm	940 mm	53,0 kg
K 20 J	35-266-35 35-267-35	20 kg CO ₂ stored pressure	144 B	-20°C to +60°C	30 sec. 5 m	1240 mm	590 mm	940 mm	74,0 kg
K 20 J with extra long lance	35-366-35 35-367-35	20 kg CO ₂ stored pressure with 2,5 m lance	144 B	-20°C to +60°C	30 sec. 5 m	2500 mm	890 mm	940 mm	76,0 kg
K 30 J	36-266-35 36-267-35	30 kg CO ₂ stored pressure	144 B	-20°C to +60°C	54 sec. 5 m	1640 mm	590mm	940 mm	94,0 kg
KS 60 J	37-066-35 37-067-35	60 kg CO ₂ stored pressure	6 x 144 B	-20°C to +60°C	63 sec. 5 m	1640 mm	590 mm	940 mm	173,0 kg

1) See left column, „Approval/Certification“ for more details.

2) Weigh with 5 m hose



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