






Suction nozzles
Extraction hoods
Extraction booth
Extraction arms
Suction hoses
Extractor connection plates
Monitoring
Laser protection booths
Miscellaneous accessories



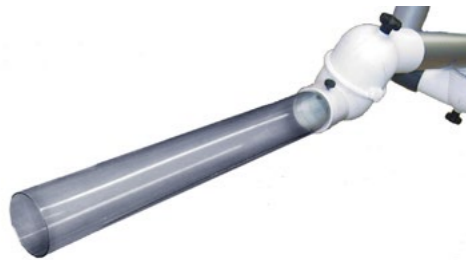


| | | | | | |
|-------------------------|-----------|------------------------------------|-----------|----------------------------------|-----------|
| SUCTION NOZZLES | 3 | EXTRACTION ARMS | 20 | SUCTION MONITORING | 40 |
| Slot nozzles | 3 | Arms | 20 | Monitoring | 40 |
| Pipe nozzles | 8 | Arms acc | 26 | | |
| Funnel nozzles | 10 | | | | |
| Holder for nozzles | 11 | | | | |
| | | | | | |
| EXTRACTION HOODS | 12 | SUCTION HOSES | 28 | LASER PROTECTION BOOTHS | 42 |
| Extraction hoods | 12 | Suction hoses | 28 | Laser protection booths | 42 |
| Funnel hoods | 13 | Suction hoses acc | 33 | Laser protection booths acc | 44 |
| Single slot hoods | 14 | | | | |
| Multi slot hoods | 15 | | | | |
| | | | | | |
| EXTRACTION BOOTH | 17 | EXTRACTOR CONNECTION PLATES | 37 | MISCELLANEOUS ACCESSORIES | 45 |
| Booth | 17 | Connection plates | 37 | Miscellaneous accessories | 45 |
| Booth with rear wall | 19 | | | | |




SUCTION NOZZLES

| accessory type | article number | article description | |
|----------------|----------------|---|---|
| Slot nozzles | MKFSD09 | Slit suction nozzle made of PE Technical data: Slit width: 90 mm Slit height: 8 mm Connection diameter: 40 mm Total L x W x H: 300 x 95 x 65 mm |  |
| | MKFSD10 | Slit suction nozzle made of anodised aluminium sheet. Nozzle connected by the MKFALUMU connection muff, NW50 hoses or extraction arms of the MKFAB NW50 series. Technical data: Slit width: 95 mm Slit height: 22 mm Connection diameter: 50 mm Total L x W x H: 210 x 110 x 95 mm |  |
| | MKFSD12 | Slit suction nozzle with optimised capture opening made of black powder-coated, die-cast aluminium. Nozzle connected by the MKFMU connection muff. Technical data: Slit width: 110 mm Slit height: 6 mm Connection diameter: 50 mm Total L x W x H: 135 x 120 x 100 mm |  |




SUCTION NOZZLES

| accessory type | article number | article description | |
|----------------|----------------|--|---|
| Slot nozzles | MKFSD15 | Slit suction nozzle with optimised capture opening made of die-cast aluminium. Nozzle connected by the MKFMU connection muff. Technical data: Slit width: 150 mm Slit height: 8 mm Connection diameter: 45 mm Total L x W x H: 100 x 150 x 75 mm |  |
| | MKFALR50 | Slit aluminium tubular suction nozzle, silver power-coated. Nozzle connected by the MKF ALUMU connection muff, NW50 hoses or extraction arms of the MKF AB NW50 series. Technical data: Slit width: 280 mm Slit height: 5-10 mm, conical Connection diameter: 50 mm Total D x L : 50 x 330 mm |  |
| | MKFARR | Slit, transparent tubular suction nozzle. Nozzle connected by the MKF ALUMU connection muff, NW50 hoses or extraction arms of the MKF AB NW50 series. Technical data: Slit width: 300 mm Slit height: 5-10 mm, conical Connection diameter: 50 mm Total D x L : 50 x 400 mm |  |


SUCTION NOZZLES

| accessory type | article number | article description | |
|----------------|----------------|---|---|
| Slot nozzles | MKFSD18 | <p>Slit suction nozzle with optimised capture opening made of black plastic. Nozzle connected by the MKFMU connection muff or by plugging on the MKFMU63 muff.</p> <p>Technical data: Slit width: 156 mm Slit height: 5 mm Connection diameter: NW50 / 63 mm Total L x W x H: 200 x 180 x 85 mm</p> |  |
| | MKFSD20 | <p>Slit suction nozzle made of anodised aluminium sheet. Nozzle connected by the MKF ALUMU connection muff, NW50 hoses or extraction arms of the MKF AB NW50 series.</p> <p>Technical data: Slit width: 190 mm Slit height: 22 mm Connection diameter: 50 mm Total L x W x H: 210 x 210 x 95 mm</p> |  |
| | MKFSD20E | <p>Slit suction nozzle made of anodised aluminium sheet in conductive version. Nozzle connected by the MKF ALUMU connection muff, NW50 hoses or extraction arms of the MKF AB NW50 series.</p> <p>Technical data: Slit width: 190 mm Slit height: 22 mm Connection diameter: 50 mm Total L x W x H: 210 x 210 x 95 mm</p> |  |




SUCTION NOZZLES

| accessory type | article number | article description | |
|----------------|----------------|---|--|
| Slot nozzles | MKFSD22 | Slit suction nozzle with optimised capture opening made of black powder-coated, die-cast aluminium. Nozzle connected by the MKFMU connection muff. Technical data: Slit width: 210 mm Slit height: 6 mm Connection diameter: 50 mm Total L x W x H: 142 x 220 x 100 mm |  |
| | MKFSD36 | Slit suction nozzle with optimised capture opening made of black plastic. Nozzle connected by the MKFMU connection muff. Technical data: Connection diameter: 50 mm Total L x W x H: 210 x 360 x 75 mm |  |
| | INRSD25 | Slit suction nozzle made of anodised aluminium sheet. Nozzle connected by NW75 hoses or extraction arms of the INR AB NW75 series. Technical data: Slit width: 230 mm Slit height: 40 mm Connection diameter: 75 mm Total L x W x H: 260 x 250 x 150 mm |  |



SUCTION NOZZLES

| accessory type | article number | article description | |
|----------------|----------------|---|---|
| Slot nozzles | MKFMSD15 | <p>Multi-slit suction nozzle with 12 capture openings in four rows made of black coated sheet steel. Nozzle connected by the MKF MU connection muff or by plugging on the MKF MU63 muff.</p> <p>Technical data: Slit width: 40 mm each Slit height: 7 mm each Connection diameter: 50/63 mm Total L x W x H: 180 x 80 x 80 mm</p> |  |


SUCTION NOZZLES

| accessory type | article number | article description | |
|----------------|----------------|---|---|
| Pipe nozzles | MKFRD | Pointed suction nozzle made of anodised tubular aluminium. Nozzle connected by the MKF ALUMU connection muff, NW50 hoses or extraction arms of the MKF AB NW50 series. Technical data: Capture diameter: 48 mm Connection diameter: 50 mm Total D x L : 50 x 210 mm |  |
| | MKFRD01 | Pointed suction nozzle made of anodised tubular aluminium. Nozzle connected by the MKF ALUMU connection muff, NW50 hoses or extraction arms of the MKF AB NW50 series. Technical data: Capture diameter: 48 mm Connection diameter: 50 mm Total D x L : 50 x 300 mm |  |
| | MKFRSDF | Flat, freely bendable and self-supporting tubular stretch nozzle made of plastic. Nozzle connected by the MKFMU connection muff. Technical data: Slit width: 60 mm Slit height: 10 mm Connection diameter: 50 mm Total D x L : 63 x 210 mm |  |




SUCTION NOZZLES

| accessory type | article number | article description | |
|----------------|----------------|---|---|
| Pipe nozzles | MKFRSDR | <p>Round, freely bendable and self-supporting tubular stretch nozzle made of plastic. Nozzle connected by the MKFMU connection muff.</p> <p>Technical data: Capture diameter: 25 mm Connection diameter: 50 mm Total D x L : 63 x 210 mm</p> |  |
| | INRRD | <p>Pointed suction nozzle made of anodised tubular aluminium. Nozzle connected by NW75 hoses or extraction arms of the INR AB NW75 series.</p> <p>Technical data: Capture diameter: 73 mm Connection diameter: 75 mm Total D x L : 75 x 250 mm</p> |  |




SUCTION NOZZLES

| accessory type | article number | article description | |
|----------------|----------------|--|---|
| Funnel nozzles | MKFTR | <p>Funnel suction nozzle made of white coated aluminium. Nozzle connected by the MKF ALUMU connection muff, NW50 hoses or extraction arms of the MKF AB NW50 series.</p> <p>Technical data: Funnel outer diameter: 210 mm Connection diameter: 50 mm Total D/d x L : 210/50 x 210 mm</p> |  |





SUCTION NOZZLES

| accessory type | article number | article description | |
|--------------------|----------------|--|---|
| Holder for nozzles | MKFSDH01 | Swivellable suction nozzle holder with adjustable lever arm for accommodating suction nozzles and hoses with a diameter of 47 to 52 mm. Mounted with M8 cylinder head screw or size 8 T-nut. Technical data: Swivel range: 90° - 150°, depending on nozzle shape Weight: approx. 0.5 kg (without suction nozzle) Dimensions L x W x H: approx. 200 x 100 x 40 mm |  |
| | MKFSDH02 | Swivellable suction nozzle holder with adjustable lever arm for accommodating suction nozzles and hoses with a diameter of 47 to 52 mm. Mounted with M8 cylinder head screw or size 8 T-nut. Technical data: Swivel range: 90° - 150°, depending on nozzle shape Weight: approx. 0.6 kg (without suction nozzle) Dimensions L x W x H: approx. 400 x 200 x 40 mm |  |
| | MKFSDH03 | Swivellable suction nozzle holder with adjustable lever arm for accommodating suction nozzles and hoses with a diameter of 47 to 52 mm. Mounted with M8 cylinder head screw or size 8 T-nut. Technical data: Swivel range: 90° - 150°, depending on nozzle shape Weight: approx. 1.2 kg (without suction nozzle) Dimensions L x W x H: approx. 600 x 100 x 40 mm |  |




EXTRACTION HOODS

| accessory type | article number | article description | |
|------------------|----------------|---|--|
| Extraction hoods | MKFAH | Extraction hood made of Macrolon. Hood connected by NW50 connecting nozzle. Technical data: Dimensions W x H: 300 x 245 mm |  |
| | INRAH | Extraction hood made of Macrolon. Hood connected by NW70 connecting nozzle. Technical data: Dimensions (W x H): 420 x 320 mm |  |
| | MKFAH02 | Extraction hood for accommodating large volumes of light dusts and gaseous pollutants. The flow-optimised air guidance by curtains provides for optimum accommodation with high efficiency at volume flow rates up to approx. 400 m³/h. Hood connected by NW80 connecting nozzle. Technical data: Dimensions L x W x H: 300 x 350 x 105 mm |  |




EXTRACTION HOODS

| accessory type | article number | article description | |
|----------------|----------------|---|---|
| Funnel hoods | INRTR01 | Transparent extraction hood made of Macrolon. Hood connected by NW75 connecting nozzle. Technical data: Diameter: 290 mm Connection diameter: 75 mm Dimensions D x H: 290 x 200 mm |  |
| | INRTR02 | Transparent extraction hood made of Macrolon. Hood connected by NW75 connecting nozzle. Technical data: Diameter: 390 mm Dimensions D x H: 390 x 300 mm |  |
| | INRTR03 | Funnel extraction hood made of aluminium. Hood connected by NW100 connecting nozzle. Technical data: Capture diameter: 350 mm Connection diameter: 100 mm Dimensions D x H: 350 x 350 mm |  |
| | INRTR04 | Round extraction hood made of aluminium, white powder-coated. Hood connected by NW75 connecting nozzle. Technical data: Capture diameter: 200 mm Connection diameter: 75 mm Dimensions D x H: 200 x 200 mm |  |

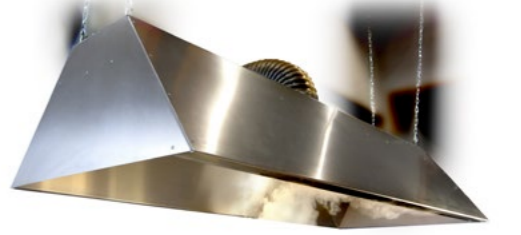
EXTRACTION HOODS

| accessory type | article number | article description | |
|-------------------|----------------|---|---|
| Single slot hoods | IFESH500 | <p>Single slit extraction hood with handle made of aluminium, suitable for smoke and fine dusts. Hood connected by NW160 connecting nozzle.</p> <p>Technical data: Slit width: 490 mm Slit height: 18 mm Connection diameter: 160 mm Weight: 2.3 kg Total L x W x H: 500 x 370 x 200 mm</p> |  |
| | IFESH700 | <p>Single slit extraction hood with handle made of aluminium, suitable for smoke and fine dusts. Hood connected by NW160 connecting nozzle.</p> <p>Technical data: Slit width: 690 mm Slit height: 13 mm Connection diameter: 160 mm Weight: 2.7 kg Total L x W x H: 700 x 300 x 150 mm</p> |  |
| | On request | <p>Single slit extraction hood for fastening to the wall or to a timber structure. Hood connected by NW160 connecting nozzle.</p> <p>Customized product. Technical data on request.</p> |  |



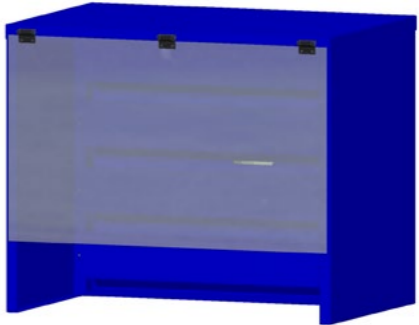
EXTRACTION HOODS

| accessory type | article number | article description | |
|------------------|----------------|--|---|
| Multi slot hoods | MKFMH300 | Multiple slit extraction hood made of aluminium. Technical data: Slit width: 40 mm Slit height: 8 mm Connection diameter: 50 mm Total L x W x H: 305 x 220 x 200 mm |  |
| | IFMSH500 | Multiple slit extraction hood made of aluminium. Hood connected by NW100 to NW160 connecting nozzle, connecting nozzle not included. Technical data: Slit width: 480 mm Slit height: 6 mm Connection diameter: 100 - 160 mm Total L x W x H: 500 x 300 x 100 mm |  |
| | IFMSH700 | Multiple slit extraction hood made of aluminium. Hood connected by NW100 to NW160 connecting nozzle, connecting nozzle not included. Technical data: Slit width: 680 mm Slit height: 6 mm Connection diameter: 100 - 160 mm Total L x W x H: 700 x 300 x 100 mm |  |



EXTRACTION HOODS

| accessory type | article number | article description | |
|------------------|----------------|--|---|
| Multi slot hoods | On request | <p>Slit extraction hood for capturing emissions by two outer edge zones and one large capture space. Fitted by hanging on chains with hooks, connected by NW160 nozzle.</p> <p>Technical data: Connection diameter: 160 mm Total L x W x H: 1,500 x 500 x 500 mm</p> |  |





EXTRACTION BOOTH

| accessory type | article number | article description | |
|----------------|----------------|--|---|
| Booth | MKFAKB | Extraction cabinet made of powder-coated sheet steel with Plexiglas and integrated light, suitable for downward area extraction. Technical data: Total dimensions L x W x H: 1,030 x 530 x 600 mm |  |
| | MKFAK | Extraction cabinet made of powder-coated sheet steel and Plexiglas, suitable for downward area extraction. Technical data: Total dimensions L x W x H: 1,030 x 530 x 600 mm |  |
| | MKFAK1 | Extraction cabinet made of polycarbonate with exchangeable hard glass pane. Technical data: Hard glass pane: 485 x 215 mm Front opening: 520 x 150 mm Suction nozzle: 1 x 50 mm Total dimensions L x W x H: 635 x 480 x 350 mm | |
| | IFAK01 | Extraction cabinet made of powder-coated sheet steel for rearward area extraction. Appropriate front flap made of Plexiglas. Connected by NW 160 connecting nozzle on the rear of the hood with 90° elbow upwards Technical data: Connection diameter: 160 mm Total dimensions L x W x H: 1,200 x 800 (+300 for the nozzle) x 1,000 mm |  |





EXTRACTION BOOTH

| accessory type | article number | article description | |
|----------------|----------------|---|--|
| Booth | On request | <p>Extraction cabin made of aluminium frame with walls of powder-coated sheet steel and integrated slatted curtain at the front. Rearward extraction through extraction wall. Connected by 2 x NW50 extraction ports. Suitable for MKF450T.1 extraction and filtering device.</p> <p>Technical data: Working height: 800 mm Connection diameter: 50 mm Total dimensions L x W x H: 820 x 710 x 1,600 mm</p> |  |
| | OER1600P | <p>Blast and extraction cabin with integrated, height-adjustable extraction table on fixable casters. Two hand openings and fresh air openings are installed for optimum capture of the dusts to be extracted. An opening for necessary cables and hoses, an Ex-protected lighting unit as well as an electronically monitored filling valve for automatic locking during operation are available. The fully integrated extraction and filtering device in the bottom section of the booth can be reached through two large maintenance doors for changing the filter. The control unit for operating the extraction booth unites the complete electronic monitoring with continuous regulation of the extraction power, filter monitoring and CO₂ control unit.</p> <p>Technical data: Maximum flow rate: 1,650 m³/h Maximum vacuum pressure: 6,800 Pa Electrical rating: 2.2 kW Current strength: 6.5 A</p> |  |





EXTRACTION BOOTH

| accessory type | article number | article description | |
|----------------------|----------------|---|---|
| Booth with rear wall | MKFAKR1 | Extraction cabin with extraction rear wall made of powder-coated sheet steel for rearward area extraction. With M5 filter mat on perforated plate incl. fastening with Velcro fastener. Technical data: Total dimensions L x W x H: 660 x 500 x 330 mm |  |
| | MKFAKR07 | Extraction cabinet with extraction plate for downward and rearward area extraction made of powder-coated sheet steel. Technical data: Connection diameter: 4 x 50 mm Total dimensions L x W x H: 700 x 530 x 600 mm |  |
| | MKFAKR | Extraction cabinet with extraction plate for downward and rearward area extraction made of powder-coated sheet steel. Technical data: Connection diameter: 4 x NW50 mm Total dimensions L x W x H: 1,030 x 530 x 600 mm |  |
| | MKFAKRB | Extraction cabinet with extraction plate and rear wall and integrated light for downward and rearward area extraction made of powder-coated sheet steel Technical data: Connection diameter: 4 x NW 50 mm Total dimensions L x W x H: 1,030 x 530 x 600 mm |  |




EXTRACTION ARMS

| accessory type | article number | article description | |
|----------------|----------------|---|---|
| Arms | MKFAB | Extraction arm, swivellable all-round with three joints and integrated throttle valve in the first joint. Technical data: Connection diameter: 50 mm Length: 650 mm |  |
| | MKFAB01 | Anti-static extraction arm, swivellable all-round with three joints and integrated throttle valve in the first joint. The galvanised NW50 pipe coupling with conductive EPDM rubber is already included. Technical data: Connection diameter: 50 mm Length: 650 mm |  |
| | MKFAB02 | Extraction arm, swivellable all-round with three joints and integrated throttle valve in the first joint. Technical data: Connection diameter: 50 mm Length: 375 mm |  |
| | MKFAB03 | Extraction arm, swivellable all-round with three joints and integrated throttle valve in the first joint. Technical data: Connection diameter: 50 mm Length: 945 mm |  |


EXTRACTION ARMS

| accessory type | article number | article description | |
|----------------|----------------|---|---|
| Arms | MKFAB04 | Extraction arm, swivellable all-round with three joints and integrated throttle valve in the first joint. Technical data: Connection diameter: 50 mm Length: 1,125 mm |  |
| | MKFAB05 | Extraction arm with flexible hose made of black plastic with aluminium round nozzle. Technical data: Connection diameter: 50 mm Length: 600 mm |  |
| | MKFAB05A | Flexible, anti-static extraction arm made of black plastic and aluminium round nozzle. Technical data: Connection diameter: 50 mm Length: 600 mm |  |
| | MKFAB06 | Extraction arm consisting of a flexible, position-stable plastic hose and streamlined extraction nozzle in ESD-compatible version. Corresponding connection muff made of stainless steel. Technical data: Connection diameter 50 mm Length: 500 mm |  |



EXTRACTION ARMS

| accessory type | article number | article description | |
|----------------|----------------|--|---|
| Arms | MKFABOS | Extraction arm, swivellable all-round with three joints and integrated throttle valve in the first joint, without base tube. Technical data: Connection diameter: 50 mm Length: 640 mm |  |
| | MKFABOM | Extraction arm, swivellable all-round with three joints and integrated throttle valve in the first joint, without pipe connecting muff. Technical data: Connection diameter: 50 mm Length: 650 mm | |
| | MKFABD | Extraction arm, swivellable all-round with three joints and integrated throttle valve in the first joint. For ceiling mounting: Technical data: Connection diameter: 50 mm Length: 650 mm |  |
| | MKFABW | Extraction arm, swivellable all-round with three joints and integrated throttle valve in the first joint. For wall mounting, standing. Technical data: Connection diameter: 50 mm Length: 650 mm |  |

EXTRACTION ARMS

| accessory type | article number | article description | |
|----------------|----------------|---|---|
| Arms | MKFABW01 | Extraction arm, swivellable all-round with three joints and integrated throttle valve in the first joint. For wall mounting, hanging. Technical data: Connection diameter: 50 mm Length: 650 mm | |
| | INRAB02T | Extraction arm, swivellable all-round with three joints and integrated throttle valve in the first joint. For table mounting. Technical data: Connection diameter: 75 mm Length: 1,290 mm | |
| | INRAB02W | Extraction arm, swivellable all-round with three joints and integrated throttle valve in the first joint. For wall mounting. Technical data: Connection diameter: 75 mm Range: 1,550 mm | |
| | INRAB05T | Extraction arm, swivellable all-round with three joints and integrated throttle valve in the first joint. For table mounting. Technical data: Connection diameter: 100 mm Range: 2,130 mm |  |




EXTRACTION ARMS

| accessory type | article number | article description | |
|----------------|----------------|---|---|
| Arms | INRAB03 | <p>Extraction arm, swivellable all-round with three joints and incl. oval extraction funnel. Very smooth action due to fourfold pantograph frame guide.</p> <p>Technical data: Connection diameter: 125 mm Range: 3 m Swivel range: 360°</p> |  |
| | IFAB02 | <p>Extraction arm, swivellable all-round with integrated throttle valve. Very smooth action due to fourfold pantograph frame guide.</p> <p>Technical data: Connection diameter: 160 mm Range: 2 m</p> |  |
| | IFAB03 | <p>Extraction arm, swivellable all-round with extraction hood and three joints with integrated shut-off valve. Very smooth action due to fourfold pantograph frame guide.</p> <p>Technical data: Connection diameter: 160 mm Range: 3 m</p> | |




EXTRACTION ARMS

| accessory type | article number | article description | |
|----------------|----------------|--|--|
| Arms | IFAB03EX | <p>Extraction arm, swivellable all-round with three joints and polyethylene suction hose (surface resistance 10^4 Ohm). For mounting on ceiling console (swivel range approx. 340°) or wall console (swivel range approx. 180°). Suitable for ATEX Zone 1 and Zone 2.</p> <p>Technical data: Connection diameter: 160 mm Range: 3 m</p> | |







EXTRACTION ARMS

| accessory type | article number | article description | |
|----------------|----------------|--|---|
| Arms acc | TKFABKON | Mounting console for extraction arm, suitable for TKFD lid module. Technical data: Connection diameter: 50 mm |  |
| | MKFTK | Console for wall mounting of extraction arms with a diameter of 50 mm. Clamping elements included. |  |
| | MKFWK | Console for table mounting of extraction arms with a diameter of 50 mm. Screws and plugs included. |  |
| | MKFDK025 | Console for ceiling mounting of extraction arms with a diameter of 50 mm. Screws and plugs included. Technical data: Length: 250 mm Suitable room height: 2.25 - 2.50 m | |
| | MKFDK050 | Console for ceiling mounting of extraction arms with a diameter of 50 mm. Screws and plugs included. Technical data: Length: 500 mm Suitable room height: 2.50 - 2.75 m | |






EXTRACTION ARMS

| accessory type | article number | article description | |
|----------------|----------------|---|---|
| Arms acc | MKFDK075 | Console for ceiling mounting of extraction arms with a diameter of 50 mm. Screws and plugs included. Technical data: Length: 750 mm Suitable room height: 2.75 - 3.00 m | |
| | MKFDK100 | Console for ceiling mounting of extraction arms with a diameter of 100 mm. Screws and plugs included. Technical data: Length: 1,000 mm Suitable room height: 3.00 - 3.50 m | |
| | MKFWKDS2 | Screw-on console of the table clamp type MKF TK for fastening to the side of the filtering device. Including 0.7 m connecting hose. |  |
| | INRABWK | Console for wall mounting of extraction arms with a diameter of 75 mm. Screws and plugs included. |  |
| | INRABAD2 | Adapter for connecting the suction hose type MKFSLM to the suction arm with a diameter of 75 mm. | |
| | IFWKAB | Console for wall mounting of extraction arms with a diameter of 160 mm. Screws and plugs included. |  |






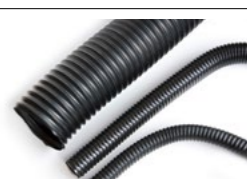
SUCTION HOSES

| accessory type | article number | article description | |
|----------------|----------------|--|---|
| Suction hoses | KFS S1_5 | Suction hose complete with muffs in anti-static version. 44 mm nominal width Total length 1.5 m |  |
| | KFS S2_5 | Pre-assembled suction hose with muffs. 32 mm nominal width Total length: 2.5 m |  |
| | MKFSLM12A | Flexible suction hose for nipples with smooth-walled surface for optimum flow 13 mm nominal width in anti-static version. Internal diameter: 12 mm |  |
| | MKFPU22 | Flexible suction hose with smooth-walled surface for optimum flow Made of PU-Flex, transparent. 22 mm nominal width Production length: 20 m |  |
| | MKFSLM32 | Flexible suction hose with smooth-walled surface for optimum flow. Highly flexible due to steel coil, longitudinal and transverse thread. 32 mm nominal width |  |
| | MKFSLM | Anti-static, flexible suction hose with smooth-walled surface for optimum flow. 44 mm nominal width Production length: 15 m |  |







SUCTION HOSES

| accessory type | article number | article description | |
|----------------|--------------------------|---|---|
| Suction hoses | MKFS0_3 bis MKF S12,5 | Anti-static, flexible suction hose with smooth-walled surface for optimum flow. 44 mm nominal width |  |
| | MKFSA | Electrically conductive, flexible polyurethane suction hose with smooth-walled surface for optimum flow. Surface resistance <math><10^3</math> Ohm 50 mm nominal width Production length: 10 m |  |
| | MKFSLM50HT | Flexible suction hose with smooth-walled surface for optimum flow. Silicone-coated glass fabric and hot galvanised steel band. Temperature resistant up to approx. 300°C, very good resistance to flying sparks. 50 mm nominal width Production length: 10 m |  |
| | MKFPU50A | Flexible PU suction hose with smooth-walled surface for optimum flow. Flame retardant in accordance with DIN 4102 B1, permanently anti-static conductive when spiral is earthed. 50 mm nominal width Production length: 10 m |  |
| | MKFPU50F | Flexible PU suction hose with smooth-walled surface for optimum flow. Flame retardant in accordance with DIN 4102. 50 mm nominal width Production length: 10 m |  |




SUCTION HOSES

| accessory type | article number | article description | |
|----------------|----------------|---|---|
| Suction hoses | MKFSLMST03 | Flexible suction hose with smooth-walled surface for optimum flow 50 mm nominal width Length max.: 600 mm |  |
| | MKFSLM51 | Flexible suction hose with smooth-walled surface for optimum flow 51 mm nominal width Production length 15 m |  |
| | MKFSLM63 | Flexible suction hose with smooth-walled surface for optimum flow. 63 mm nominal width |  |
| | MKFSLM71 | Flexible suction hose with smooth-walled surface for optimum flow Superflextract 71 mm nominal width Production length 15 m |  |
| | MKFSLM80 | Flexible suction hose with smooth-walled surface for optimum flow 80 mm nominal width |  |
| | MKFSLM80A | Anti-static, flexible suction hose with smooth-walled surface for optimum flow. 80 mm nominal width Production length: 10 m |  |







SUCTION HOSES

| accessory type | article number | article description | |
|----------------|----------------|---|---|
| Suction hoses | MKFPU90F | Flexible PU suction hose with smooth-walled surface for optimum flow. Flame retardant in accordance with DIN 4102. 90 mm nominal width Production length 10 m |  |
| | MKFKL100 | Flexible suction hose with smooth-walled surface for optimum flow. 100 mm nominal width Production length 10 m |  |
| | IF80AS2 | Flame retardant, flexible hose with oil and solvent-resistant properties. 80 mm nominal width Production length 10 m |  |
| | IF100AS2 | Flame retardant, flexible hose with oil and solvent-resistant properties. 100 mm nominal width Production length 10 m |  |
| | IF125AS2 | Flame retardant, flexible hose with oil and solvent-resistant properties. 125 mm nominal width Production length 10 m |  |
| | IF160AS1 | Flexible hose 160 mm nominal width Production length 10 m |  |






SUCTION HOSES

| accessory type | article number | article description | |
|----------------|----------------|---|---|
| Suction hoses | IF160AS2 | Flame retardant, flexible hose with oil and solvent-resistant properties. 160 mm nominal width |  |
| | ABSEL160 | Flame retardant, anti-static hose anti-static < 10 ⁸ Ohm Temperature: -40 °C to 80°C 160 mm nominal width |  |
| | ABSPU250 | Flame retardant, flexible PU hose with oil and solvent-resistant properties. 250 mm nominal width |  |

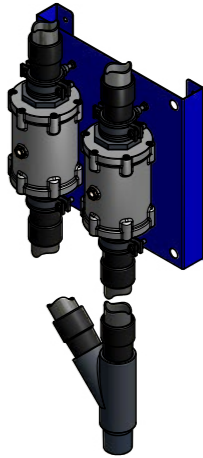
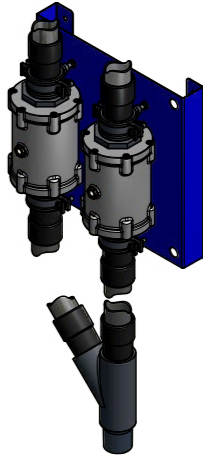
SUCTION HOSES

| accessory type | article number | article description | |
|-------------------|----------------|--|---|
| Suction hoses acc | MKFMU | Anti-static connection muff for suction hose. Attention: Two needed per length of hose 44 mm nominal width |  |
| | MKFMU63 | Connection muff for extraction hose. 63 mm nominal width |  |
| | MKFMU50A | Anti-static connection muff for MKFSA suction hose. Internal diameter 50 mm. Attention: Two needed per length of hose. |  |
| | MKFMU32 | Connection muff for hose 32 mm nominal width |  |
| | MKFBU50 | Suction brush for connecting to suction hose 50 mm nominal width |  |
| | MKFBYP | Bypass regulating valve for air volume regulation DN 50 mm |  |

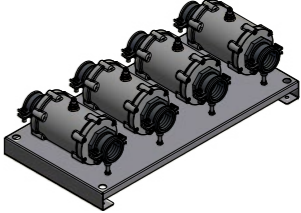

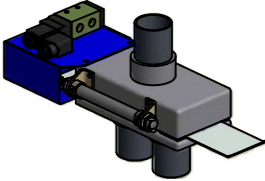
SUCTION HOSES

| accessory type | article number | article description | |
|-------------------|----------------|--|---|
| Suction hoses acc | MKFDK50 | Throttle valve 50 mm nominal width |  |
| | MKFDK63 | Throttle valve 63 mm nominal width |  |
| | MKIFY | Y connection piece for two hoses Connection diameter: 50 mm |  |
| | MKFYESD | Anti-static Y connection piece for two hoses Connection diameter: 50 mm |  |
| | MKFÜB32 | Connecting reduction for plugging into suction nozzle of the extraction device 50 mm nominal width / D 32 mm for suction hose with diameter 32 mm |  |




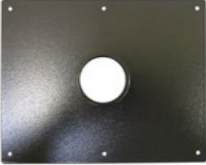



SUCTION HOSES

| accessory type | article number | article description | |
|-------------------|----------------|---|--|
| Suction hoses acc | MKFQU2.50 | <p>Device for switching between two suction lines</p> <ul style="list-style-type: none"> – for fast switching between two extraction points – easy external control by pneumatic control lines – retaining plate of sturdy sheet steel, powder-coated on both sides in RAL 5015 <p>coarse structure/silk gloss</p> <p>Technical data:</p> <p>Connection nozzle input: 2x NW50</p> <p>Connection nozzle output: 1x NW50</p> <p>Pneumatic control pressure: 2 bar</p> <p>Dimensions in mm (LxWxH): 355 x 355 x 135</p> |  |
| | MKFQU3.50 | <p>Device for switching between two suction lines mounted on the extraction and filtering device.</p> <ul style="list-style-type: none"> – for fast switching between three extraction points – easy external control by pneumatic control lines – retaining plate of sturdy sheet steel, powder-coated on both sides in RAL 9005 <p>coarse structure/silk gloss</p> <p>Technical data:</p> <p>Connection nozzle input: 3x NW50</p> <p>Connection nozzle output: 3x NW50</p> <p>Pneumatic control pressure: 2 bar</p> <p>Dimensions in mm (LxWxH): 660 x 330 x 135</p> |  |





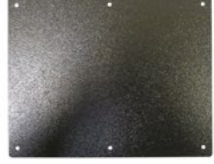

SUCTION HOSES

| accessory type | article number | article description | |
|-------------------|----------------|--|--|
| Suction hoses acc | MKFQU4.50 | <p>Device for switching between four suction lines mounted on the extraction and filtering device.</p> <ul style="list-style-type: none"> – for fast switching between four extraction points – easy external control by pneumatic control lines – retaining plate of sturdy sheet steel, powder-coated on both sides in RAL 9005 coarse structure/silk gloss <p>Technical data: Connection nozzle input: 4x NW50 Connection nozzle output: 4x NW50 Pneumatic control pressure: 2 bar Dimensions in mm (LxWxH): 660 x 330 x 135</p> |  |
| | MKFULK50 | <p>Deflector slide for deflecting to another suction line (manual actuation) 50 mm nominal width</p> |  |
| | MKFULKPN | <p>Electro-pneumatic actuation of the deflector slide MKFULK50. Consisting of pre-assembled lifting cylinder and electro-pneumatic components. Control voltage 24 VDC</p> |  |

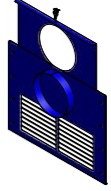


EXTRACTOR CONNECTION PLATES

| accessory type | article number | article description | |
|-------------------|----------------|--|---|
| Connection plates | XINR502 | Connection plate with two connections of 50 mm nominal width Dimensions: 245 x 196 mm |  |
| | XNR503 | Connection plate with four connections of 50 mm nominal width Dimensions: 245 x 196 mm |  |
| | XINR54R03 | Round connection plate with four connections of 50 mm nominal width. Diameter: 165 mm |  |
| | XINR603 | Connection plate with one connection of 50 mm nominal width Dimensions: 245 x 196 mm |  |
| | XINR613 | Connection plate with one connection of 100 mm nominal width Dimensions: 245 x 196 mm |  |
| | XINR614 | Connection plate with two different sized connections: one connection 50 mm nominal width, one connection 80 mm nominal width Dimensions: 245 x 196 mm |  |
| | XINR615 | Connection plate with one connection of 80 mm nominal width Dimensions: 245 x 196 mm |  |





EXTRACTOR CONNECTION PLATES

| accessory type | article number | article description | |
|-------------------|----------------|--|---|
| Connection plates | XINR617 | Connection plate with three connections of 75 mm nominal width Dimensions: 245 x 195 mm |  |
| | XINR618 | Connection plate with one connection of 125 mm nominal width Dimensions: 245 x 195 mm |  |
| | XINR619 | Connection plate with two connections of 80 mm nominal width Dimensions: 245 x 196 mm |  |
| | XINR620 | Connection plate with two connections of 63 mm nominal width Dimensions: 245 x 196 mm |  |
| | XINR703 | Connection plate without nozzle Dimensions 245 x 196 mm |  |
| | XINR903 | Connection plate with one connection of 160 mm nominal width Dimensions: 245 x 196 mm |  |




EXTRACTOR CONNECTION PLATES

| accessory type | article number | article description | |
|-------------------|----------------|--|---|
| Connection plates | IFAUSB4.1 | Circulating air/exhaust air slide for IF.1 devices with blow-off grille and blow-off nozzle with 250 mm nominal width mounted on the rear. |  |
| | MKFAUSB | Blow-off nozzle nominal width 100 mm on the side of the fan module for directed exhaust air guidance. |  |
| | INRAS10D | Two separately adjustable suction nozzles with control slide mounted on the filter housing 100/100 mm nominal width |  |


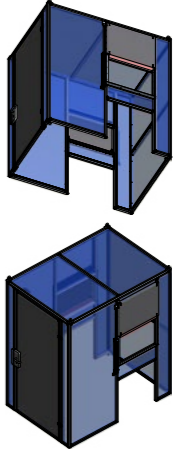
SUCTION MONITORING

| accessory type | article number | article description | |
|----------------|----------------|--|---|
| Monitoring | MKF1VSTÜ | Flow monitor with switching contact operating voltage 24 VDC Flow available: Output = 0 Flow not available: Output = 24 The flow monitor (ELUWÄ24) is integrated in a T-piece. Hose connection 50 mm nominal width |  |
| | MKF3VSTÜ | Flow monitor with relay contact operating voltage 230 VAC Flow available: Relay contact closed. Flow not available: Relay contact open. The flow monitor (ELUWÄ01) is integrated in a T-piece. Hose connection 50 mm nominal width |  |
| | MKF4VSTÜ | Flow monitor with analogue output Operating voltage 24 VDC Flow 0-16 m/s: Analogue output 0-10 V/DC The flow monitor (ELUWÄ03) is integrated in a T-piece. Hose connection 50 mm nominal width |  |
| | MKF5VSTÜ | Flow monitor with relay contact Operating voltage 24 VDC Flow available: Relay contact closed Flow not available: Relay contact open The flow monitor (ELUWÄ02) is integrated in a T-piece Hose connection 50 mm nominal width |  |


SUCTION MONITORING

| accessory type | article number | article description | |
|----------------|----------------|---|--|
| Monitoring | MKF6VSTÜ | Flow monitor with relay contact Operating voltage 24 VDC Flow available: Relay contact closed Flow not available: Relay contact open The flow monitor (ELUWÄ02) is integrated in a T-piece of 100 mm nominal width and suitable for installation in a pipeline. 100 mm nominal width |  |
| | MKF7VSTÜ | Flow monitor with analogue output Operating voltage 24 VDC Flow 0-16 m/s: Analogue output 0-10 V/DC The flow monitor (ELUWÄ04) is integrated in a T-piece. Hose connection 50 mm nominal width |  |
| | MKF8VSTÜ | Flow monitor with two independently adjustable limits (max. 30 m/s) Operating voltage 24 VDC min. Flow available: Contact 1 closed Max. flow not exceeded: Contact 2 closed The flow monitor (ELUWÄ05) is integrated in a T-piece. Hose connection 50 mm nominal width |  |




LASER PROTECTION BOOTHS

| accessory type | article number | article description | |
|-------------------------|----------------|---|--|
| Laser protection booths | LSKWS | Laser protection cabin for laser class 4 comprising <ul style="list-style-type: none"> – high quality aluminium sections and sheet metal modules as well as seals – one lift door with laser window for feeding, control with pneumatic cylinder and safety switch – 1 access door with safety switch – certified for all common labelling lasers up to 100 W – connections for extractor and fresh air integrated – Dimensions: approx. 1,200 x 900 x 2,000 mm Weight: approx. 200 kg Customer-specific dimensions and versions on request. |  |
| | LSKBL | Laser protection cabin for laser class 4 comprising: <ul style="list-style-type: none"> – high quality aluminium sections and sheet metal modules as well as seals -- two lift doors with laser window for feeding, control with pneumatic cylinder and safety switch – 1 access door with safety switch with cut-outs for conveyor belts – certified for all common labelling lasers up to 100 W – connections for extractor and fresh air integrated with tub add-on lamps Dimensions: approx. 2,000 x 1,400 x 2,300 mm Weight: approx. 300 kg Customer-specific dimensions and versions on request. |  |



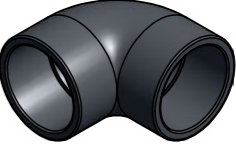




LASER PROTECTION BOOTHS

| accessory type | article number | article description | |
|-------------------------|----------------|---|---|
| Laser protection booths | LSKGD | <p>Laser protection cabin for laser class 4 comprising:</p> <ul style="list-style-type: none">– high quality aluminium sections and sheet metal modules as well as seals– two lift doors with laser window for feeding, control with pneumatic cylinder and safety switch– 1 access door with safety switch– certified for all common labelling lasers up to 100 W– connections for extractor and fresh air integrated with tub add-on lamps <p>Dimensions: approx. 1,800 x 1,800 x 2,300 mm Weight: approx. 300 kg Customer-specific dimensions and versions on request.</p> |  |








LASER PROTECTION BOOTHS

| accessory type | article number | article description | |
|-----------------------------|----------------|--|---|
| Laser protection booths acc | LSKZL01 | Rectangular ventilation module for laser protection cabins for flow-optimised ventilation in laser enclosures. Made of powder-coated sheet steel (RAL7035) Suitable for extraction volumes up to approx. 300 m ³ /h Dimensions L x W x H: 260 x 76.5 x 300 |  |
| | LSKZL02 | Rectangular ventilation module for laser protection cabins for flow-optimised ventilation in laser enclosures. Made of powder-coated sheet steel (RAL7035) Suitable for extraction volumes up to approx. 300 m ³ /h Dimensions: Diameter 224 mm |  |
| | LSKZL03 | Rectangular ventilation module for laser protection cabins for flow-optimised ventilation in laser enclosures. Made of powder-coated sheet steel (RAL7035) Suitable for extraction volumes up to approx. 300 m ³ /h In accordance with DIN EN60825-4 Dimensions L x W x H: 480 x 76.5 x 150 |  |

MISCELLANEOUS ACCESSORIES

| accessory type | article number | article description | |
|---------------------------|----------------|--|---|
| Miscellaneous accessories | MKF5045B | Bracket 50° Internal diameter: 50 mm |  |
| | MKF5090B | Bracket 45° Internal diameter: 50 mm |  |
| | MKF5090BA | Aluminium bracket 90° 50 mm nominal width |  |
| | MKF5090T | T-branch 90° 50 mm nominal width |  |
| | MKF5090X | Cross piece 4 x 50 mm nominal width |  |
| | MKF50AMU | PVC connecting nozzle with taper Diameter: 50 mm |  |
| | MKF50AMUR | PVC connecting nozzle with taper and clamping screw Diameter: 50 mm |  |

MISCELLANEOUS ACCESSORIES

| accessory type | article number | article description | |
|---------------------------|----------------|--|---|
| Miscellaneous accessories | MKF50RMR | Pipe connecting muff with knurled screw Internal diameter: 50 mm |  |
| | MKF50RMU | Pipe connecting muff Internal diameter: 50 mm |  |
| | MKF50SDF | Hose bushing Diameter: 50 mm |  |
| | MKF50VMU | Connection muff Diameter: 50 mm Length: 60 mm |  |
| | MKFHP50 | Hard PVC tube Diameter: 50 mm |  |
| | MKFRKL50 | Pipe clip Diameter 50 mm |  |
| | MKFALUMU | Powder-coated connection muff made of aluminium Internal diameter: 50 mm Length: 60 mm |  |