

Gravimetric Dosing Solutions made in Germany



- Extract from our delivery programme -

On the market for over 25 years

Service and repair

Upgrading, Retrofit, Conversion

Second-hand market

Know-how

SCH•LZ
DOSIERTECHNIK

Application

Continuous gravimetric dosing of solids and liquids.

SCHOLZ **easyCon**

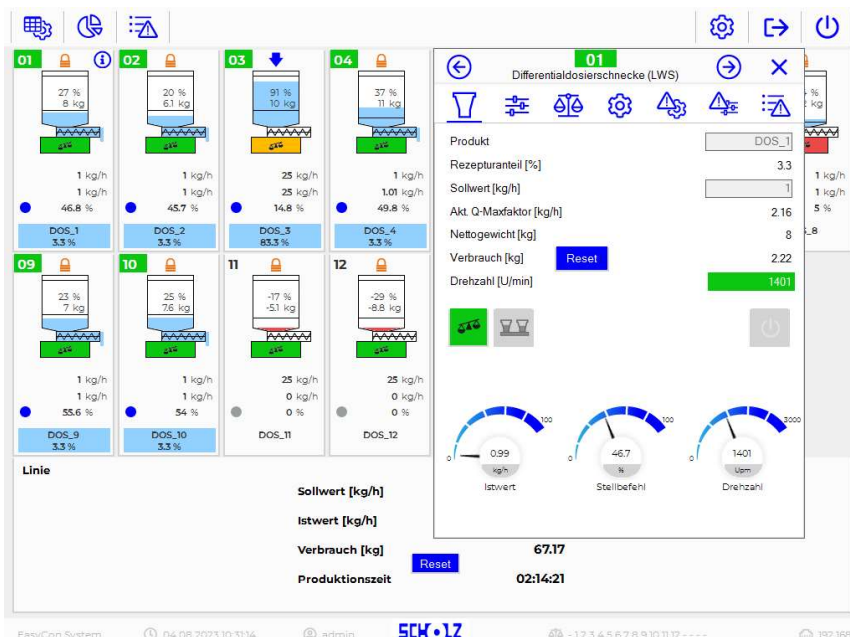
Control software for up to 24 weighfeeders.

- **Highly accurate** dosing results from the smallest quantities up to several tonnes per hour
- Control algorithm **proven in practice for 15 years**
- **Developed internally** by Scholz
- **Flexible connection** to control and data collection systems
- **Touchscreen or Remote**
- **available in all languages** (except Klingon)
- **Beckhoff Industry-PC**
- **Windows IoT 64 Bit**
- **TwinCAT 3**
- For all dosing devices, including those from other manufacturers



64 Bit

TwinCAT® 3



Application

Continuous digital or analogue weight determination.

SCHOLZ BASIC

Modular platform-scale.

DIGITAL PESA MEASURING CELL

The PESA string technology is based on a principle that is as simple as it is ingenious: the tension of a vibrating string is influenced by the load weight on the platform scale, which changes the vibration frequency. The weight is determined from the change in the oscillation frequency.

Used for gravimetric applications with BASIC300, BASIC400 and BASIC600.

Working temperature -10°C to +40°C (max. +55°C)

ANALOGUE DMS MEASURING CELL

The measuring principle is based on the change in electrical resistance when suitable materials are stretched and compressed. The load on the platform scale thus causes a voltage change by which the weight is determined.

Used for batch applications as well as gravimetric applications with BASIC700.

Working temperature -20°C to +70°C



BASIC300 zu z.B. LOGO, TWIN20



BASIC400 zu z.B. MONO+, SOLO, FLEX50, TWIN40



BASIC600 zu z.B. GOLO, FLEX80



BASIC700 zu z.B. FLEX130

Waage:	BASIC300	BASIC400	BASIC600	BASIC700
Capacity:	30 / 75kg	75 / 150 / 300kg	300kg	600 / 1000kg
Platform:	300 x 300mm	400 x 400mm	600 x 600mm	700 x 700mm
Scale (WxDxH):	390 x 300 x 150mm	490 x 400 x 150mm	690 x 600 x 150mm	790 x 700 x 150mm
Material:	Aluminium / Edelstahl	Aluminium / Edelstahl	Aluminium / Edelstahl	Aluminium / Edelstahl
Execution:	steckbar	steckbar	steckbar	steckbar
Own weight:	11kg	16kg	30kg	35kg

Application

volumetric / gravimetric feeding of solids.

☒ Pellets ☒ Micro-Pellets ☐ Grind ☐ Powder ☒ Fibers

SCHOLZ LOGO

Single-Screw Feeder.

- cost effective solution for good flowing solids
- removable motor/screw unit
- extensive modular hopper system
- made in Germany

Dosing-capacity of the SCHOLZ Series

kg/h (bei 0,8kg/l)	0,1	1	5	10	50	100	500	1.000	5.000	10.000	25.000
LOGO											
MONO+											
SOLO											
GOLO											

Screws: Ø 12mm to Ø 60mm in spiral / full-blade / with core / double-helix / notched / special
 Tube-Outlet: Ø 23mm to Ø 80mm horizontal / vertical
 Hopper: 28 Liter
 Add. Hopper: 36 to 130 Liter, expandable
 Lid: for manual / automatical refilling / Flap-Lid / Plexiglass / for Conveyors
 Options: Agitator, ATEX, Run Control
 Material: Stainless Steel 1.4301
 Weight: appr. 22kgs (without add. hoppers)
 Dimensions: 350x350x550mm (DxWxH)
 Gear-Motor: A not available for this model
 B i=25 Δ230/Y400V; 1,2/0,7A; 0,18kW; 1350U/min; 50Hz
 C i=100 Δ230/Y400V; 1,2/0,7A; 0,18kW; 1350U/min; 50Hz
 Agitator (Option): i=100 Δ230/Y400V; 1,2/0,7A; 0,18kW; 1350U/min; 50Hz

LOSS-IN-WEIGHT FEEDER ECONO

In combination with a SCHOLZ BASIC platform scale, you have a gravimetric feeding-scale.

Scale:	BASIC300	BASIC400
Capacity:	30 / 75kgs	75 / 150 / 300kgs
Platform:	300 x 300mm	400 x 400mm
Dimensions:	390 x 300 x 150mm	490 x 400 x 150mm (DxWxH)
Material:	Alu / Stainless Steel	Alu / Stainless Steel
Execution:	plug & play	plug & play
Own weight:	11kgs	16kgs

The SCHOLZ-CON-TRUST control system enables single- and multi-component operation.



LOGO with horizontal Tube-Outlet



LOGO with 68-Liter-Hopper and vertical tube-outlet placed on platform-scale BASIC300

Application

volumetric / gravimetric feeding of solids.

☒ Pellets ☒ Micro-Pellets ☒ Grind ☐ Powder ☒ Fibers

SCHOLZ SOLO

Single-Screw Feeder.

- cost-effective solution for high dosing capacities
- proven many times for regrind, recycling material, etc.
- extensive, modular hopper system
- made in Germany

Dosing-capacity of the SCHOLZ Series

kg/h (bei 0,8kg/l)	0,1	1	5	10	50	100	500	1.000	5.000	10.000	25.000
LOGO											
MONO+											
SOLO											
GOLO											

Screws: Ø 40mm to Ø 100mm in spiral / full-blade / with core / double-helix / notched / special
 Tube-Outlet: Ø 50mm to Ø 134mm horizontal / vertical
 Hopper: 23 Liter Volume
 Add. Hopper: 68 to 210 Liter, expandable
 Lid: for manual / automatical refilling / Flap-Lid / Plexiglass / for Conveyors
 Options: Agitator, ATEX, Run Control
 Material: Stainless Steel 1.4301
 Weight: appr. 30kgs (without add. hoppers)
 Dimensions: 350x350x350mm (DxWxH)
 Gear-Motor: A i=5,1 Δ230/Y400V; 0,99/1,71A; 0,37kW; 1425U/min; 50Hz
 B i=17,8 Δ230/Y400V; 0,99/1,71A; 0,37kW; 1425U/min; 50Hz
 C i=60,1 Δ230/Y400V; 0,62/1,07A; 0,18kW; 1400U/min; 50Hz
 Agitator (Option): i=100 Δ230/Y400V; 1,2/0,7A; 0,18kW; 1350U/min; 50Hz

LOSS-IN-WEIGHT FEEDER RATIO

In combination with a SCHOLZ BASIC platform scale, you have a gravimetric feeding-scale.

Scale : **BASIC400**
 Capacity : 75 / 150 / 300kg
 Platform : 400 x 400mm
 Scale : 490 x 400 x 150mm (DxWxH)
 Material : Alu / Stainless Steel
 Execution: plug & play
 Own weight: 11kgs

The SCHOLZ-CON-TRUST control system enables single- and multi-component operation.



SOLO with horizontal Tube-Outlet with Agitator as optional equipment



SOLO with 130-Liter-Hopper and vertical Tube-Outlet placed on platform-scale BASIC400

Application

volumetric / gravimetric feeding of solids.

☒ Pellets ☒ Micro-Pellets ☐ Grind ☒ Powder ☒ Fibers

SCHOLZ FLEX50

Single-Screw Feeder with flexible hopper.

- separate paddle-drive as standard
- flexibly adjustable paddles (stroke, distance, size)
- PU-hopper with stable frame for easy handling
- Made in Germany

Dosing-capacity of the SCHOLZ FLEX-Series

kg/h (bei 0,5kg/l)	0,1	1	5	10	50	100	500	1.000	5.000	10.000	25.000
FLEX50											
FLEX80											
FLEX130											

Screws: Ø 13mm to Ø 40mm in full-blade / spiral / with core / double-helix / notched / special / coated

Tube-Outlet: Ø 13mm to Ø 50mm horizontal / vertical / with shutter

Hopper: 10 Liter in standard / FDA / acid / high-temp. / ATEX

Add. Hopper: 15 to 70 Liter round / square, expandable

Lid: for manual / automatic refilling / flap-lid / plexiglass / for conveyors

Options: Agitator / ATEX / run control / outlet-compensation

Material: Stainless Steel 1.4301, Hopper Polyurethan-based mixture

Weight: appr. 40kg (without hoppers)

Dimensions: 400x400x320mm (DxWxH)

Gear-Motor: A i=7,5 not available for this model
B i=25 Δ230/Y400V; 1,2/0,7A; 0,18kW; 1350U/min; 50Hz
C i=100 Δ230/Y400V; 1,2/0,7A; 0,18kW; 1350U/min; 50Hz
D i=300 Δ230/Y400V; 1,2/0,7A; 0,18kW; 1350U/min; 50Hz

Paddle-Motor: i=58 Δ230/Y400V; 0,71/0,41A; 0,09kW; 1360U/min; 50Hz

Loss-in-weight-Feeder VARIO

In combination with a SCHOLZ BASIC platform scale, you have a gravimetric feeding-scale.

Scale : **BASIC400**

Capacity : 75 / 150 / 300kg

Platform : 400 x 400mm

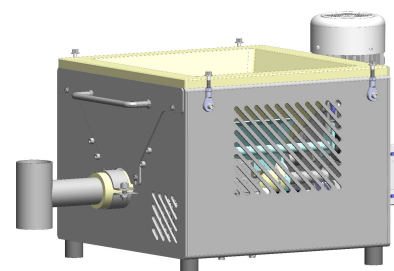
Dimensions: 490 x 400 x 150mm (DxWxH)

Material : Alu / Stainless Steel

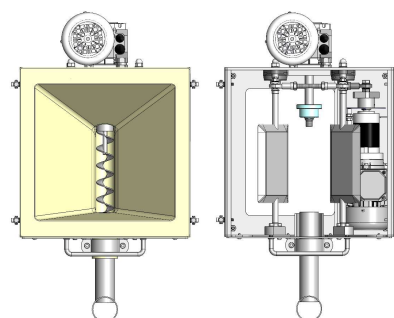
Execution: plug & play

Own weight: 11kgs

The SCHOLZ-CON-TRUST control system enables single- and multi-component operation.



FLEX50 with vertical tube-outlet



Top view with / without PU-hopper



FLEX50 with 35-Liter-Hopper and vertical tube-outlet placed on Platform scale BASIC400

Application

volumetric / gravimetric feeding of solids.

☒ Pellets ☒ Micro-Pellets ☐ Grind ☒ Powder ☒ Fibers

SCHOLZ FLEX80

Single-Screw Feeder with flexible hopper.

- separate paddle-drive as standard
- flexibly adjustable paddles (stroke, distance, size)
- PU-hopper with stable frame for easy handling
- Made in Germany

Dosing-capacity of the SCHOLZ FLEX-Series

kg/h (bei 0,5kg/l)	0,1	1	5	10	50	100	500	1.000	5.000	10.000	25.000
FLEX50											
FLEX80											
FLEX130											

Screws: Ø 31mm to Ø 75mm in full-blade / spiral / with core / double-helix / notched / special / coated

Tube-Outlet: Ø 31mm to Ø 80mm horizontal / vertical / with shutter

Hopper: 35 Liter in standard / FDA / acid / high-temp. / ATEX

Add. Hopper: 40 to 200 Liter round / square, expandable

Lid: for manual / automatic refilling / flap-lid / plexiglass / for conveyors

Options: Agitator / ATEX / run control / outlet-compensation

Material: Stainless Steel 1.4301, Hopper Polyurethan-based mixture

Weight: appr. 80kg (without hoppers)

Dimensions: 600x600x430mm (DxWxH)

Gear-Motor: A i=5,1 Δ230/Y400V; 0,99/1,71A; 0,37kW; 1425U/min; 50Hz
B i=17,8 Δ230/Y400V; 0,99/1,71A; 0,37kW; 1425U/min; 50Hz
C i=60,1 Δ230/Y400V; 0,62/1,07A; 0,18kW; 1400U/min; 50Hz

Paddle-Motor : i=58 Δ230/Y400V; 0,71/0,41A; 0,09kW; 1360U/min; 50Hz

Loss-in-weight-Feeder SOLID

In combination with a SCHOLZ BASIC platform scale, you have a gravimetric feeding-scale.

Scale: **BASIC600**

Capacity: 300kg

Platform: 600 x 600mm

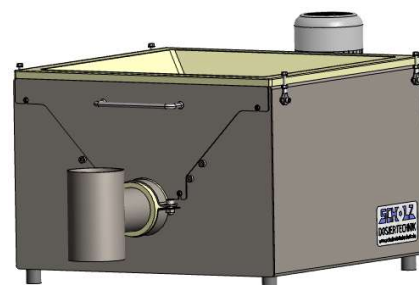
Scale: 690 x 600 x 150mm (TxBxH)

Material : Alu / Stainless Steel

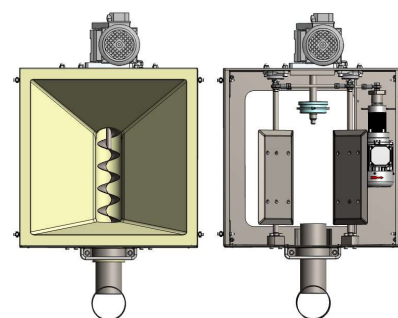
Execution: plug & play

Own weight: 30kgs

The SCHOLZ-CON-TRUST control system enables single- and multi-component operation.



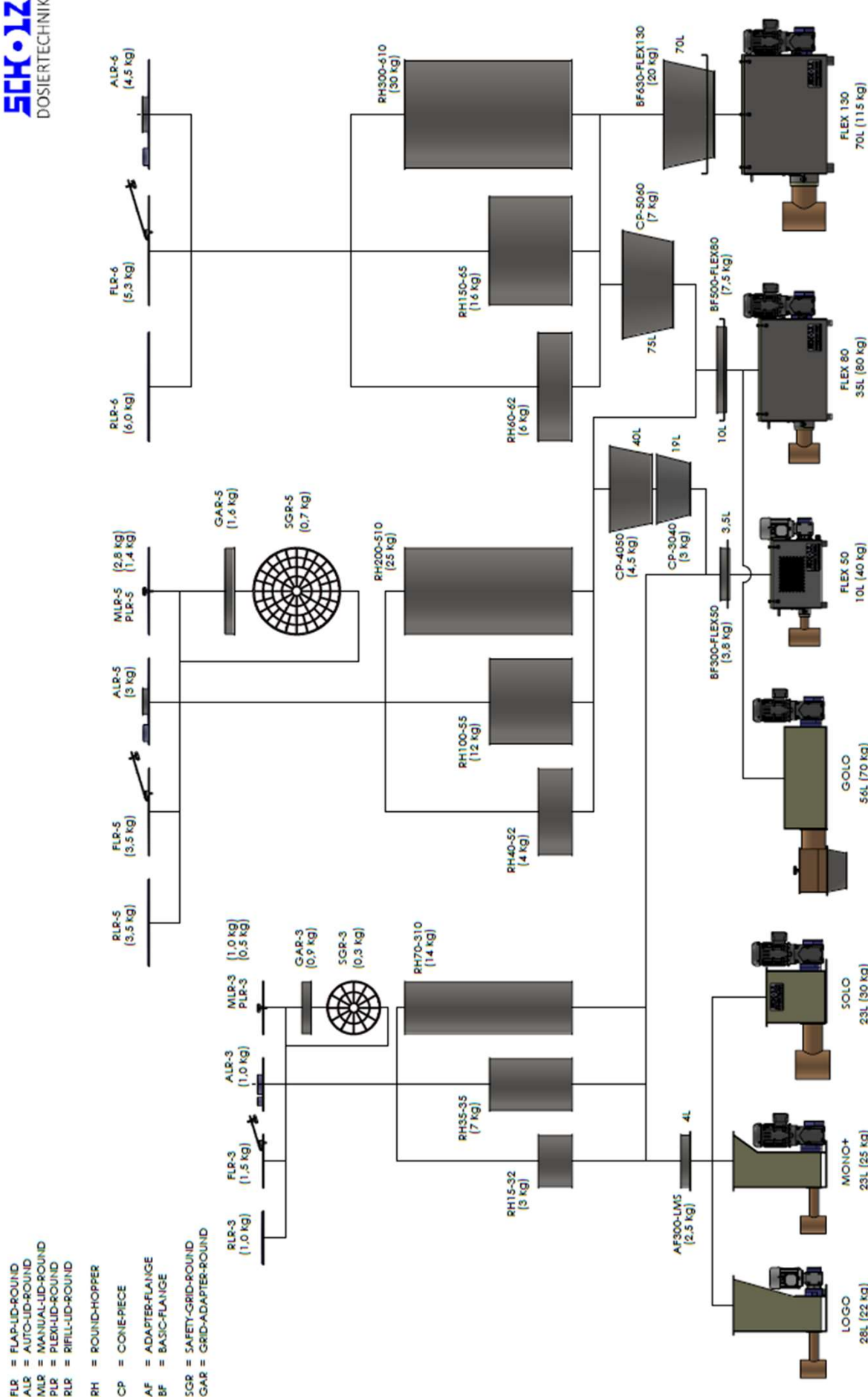
FLEX80 with vertical tube-outlet



Top view with / without PU-hopper



FLEX80 with 100-Liter-Hopper and vertical tube-outlet placed on Platform scale BASIC600

[illegible]

Application

volumetric / gravimetric feeding of solids.

☐ Pellets ☒ Micro-Pellets ☐ Grind ☒ Powder ☐ Fibers

SCHOLZ TWIN20

Double-Screw Feeder with Agitator.

- suitable for sticky, dull, also very light additives
- available with double motorisation for heavy metal powders
- with horizontal agitator as standard
- removable front and rear plate for easy cleaning

Dosing-capacity of the SCHOLZ TWIN-Series

kg/h (bei 0,5kg/l)	0,1	1	5	10	50	100	500	1.000	5.000	10.000	25.000
TWIN20											
TWIN40											
TWIN60											

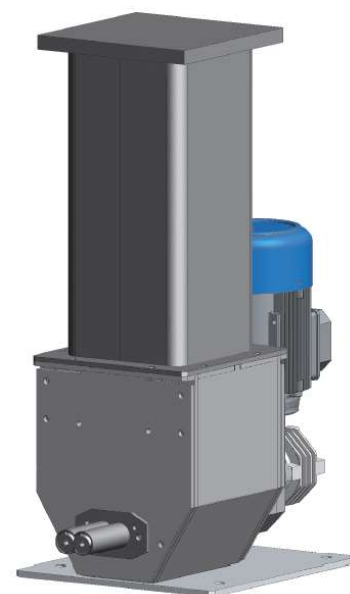
Screw pairs: DK concave / DK concave narrow / DV Fullblade / special
 Tube-Outlet: horizontal / vertical / with shutter
 Hopper: 4 Liter
 Add. Hopper: 6 / 30 / 50 Liter
 Lid: for manual refilling / automatic refilling
 Options: ATEX
 Material: Stainless Steel 1.4301
 Weight: appr. 25kg (without hoppers)
 Dimensions: 275x250x232mm (WxDxH)
 Gear-Motor:
 A i=10 Δ230/Y400V; 1,75/1,0A; 0,25kW; 1340; 50Hz
 B i=30 Δ230/Y400V; 1,75/1,0A; 0,25kW; 1340; 50Hz
 C i=80 Δ230/Y400V; 1,75/1,0A; 0,25kW; 1340; 50Hz

Loss-in-weight-Feeder DUPLO20

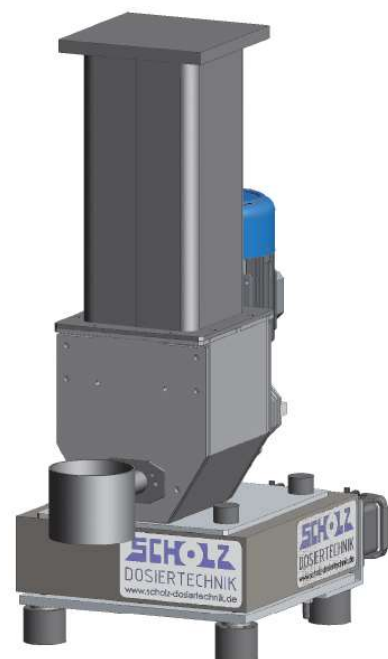
In combination with a SCHOLZ BASIC platform scale, you have a gravimetric feeding-scale.

Scale:	BASIC300	BASIC400
Capacity:	30 / 75kgs	75 / 150 / 300kgs
Platform:	300 x 300mm	400 x 400mm
Scale:	390 x 300 x 150mm	490 x 400 x 150mm (DxWxH)
Material:	Alu / Stainless Steel	Alu / Stainless Steel
Execution:	plug & play	plug & play
Own weight:	11kgs	16kgs

The SCHOLZ-CON-TRUST control system enables single- and multi-component operation.



TWIN20 with 6-Liter-Hopper and horizontal tube-outlet



TWIN20 with 6-Liter-Hopper and vertical tube-outlet placed on platform scale BASIC300

Application

volumetric / gravimetric feeding of solids.

☐ Pellets ☒ Micro-Pellets ☐ Grind ☒ Powder ☐ Fibers

SCHOLZ TWIN40

Double-Screw Feeder with Agitator.

- suitable for sticky, dull, also very light additives
- double-motorisation as standard
- horizontal agitator as standard
- removable front and rear plate for easy cleaning

Dosing-capacity of the SCHOLZ TWIN-Series

kg/h (bei 0,5kg/l)	0,1	1	5	10	50	100	500	1.000	5.000	10.000	25.000
TWIN20											
TWIN40											
TWIN60											

Screw pairs: DK concave / DK concave narrow / DV Fullblade / special
 Tube-Outlet: horizontal / vertical / with shutter
 Hopper: 15 Liter
 Add. Hopper: 40 / 70 / 150 Liter
 Lid: for manual refilling / automatic refilling
 Options: ATEX
 Material: Stainless Steel 1.4301
 Weight: appr. 60kg (without hoppers)
 Dimension: 320x320x425mm (TxBxH)
 Gear-Motor: A i=10 Δ230/Y400V; 1,96/1,1A; 0,37kW; 1400; 50Hz
 B i=30 Δ230/Y400V; 1,96/1,1A; 0,37kW; 1400; 50Hz
 C i=80 Δ230/Y400V; 1,96/1,1A; 0,37kW; 1400; 50Hz
 Agitator-Motor: Δ230/Y400V; 1,96/1,1A; 0,37kW; 1400; 50Hz

Loss-in-weight-Feeder DUPLO40

In combination with a SCHOLZ BASIC platform scale, you have a gravimetric feeding-scale.

Scale : **BASIC400**
 Capacity : 75 / 150 / 300kg
 Platform : 400 x 400mm
 Scale : 490 x 400 x 150mm (DxWxH)
 Material : Alu / Stainless Steel
 Execution: plug & play
 Own weight: 11kgs

The SCHOLZ-CON-TRUST control system enables single- and multi-component operation.



TWIN40 mit 70-Liter-Trichter und horizontalem Austragrohr



TWIN40 mit 70-Liter-Trichter und vertikalem Austragrohr auf Plattformwaage BASIC400

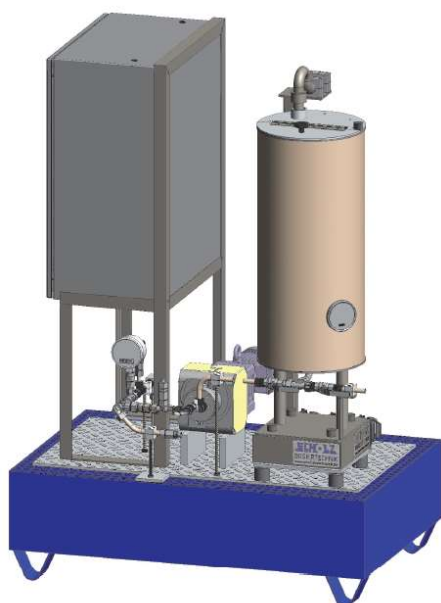
Application

Gravimetric Feeding of Liquids

SCHOLZ LIQUI

Liquid-Feeding-Station

Output:	starting from 0,1 Liter/h
Technology:	Gear pump or diaphragm pump
Operation:	autark with own controller or integrated in multi-component system
Scale:	digital platform scale
Hopper Volume:	10 to 100 Liter
Refilling:	manual oder automatic drum pump
Options:	active heated and insulated active heated pressure hose wheeled version Drum pumps with 800 to 1200mm immersion depth
Material:	Stainless Steel 1.4301, Galvanised steel drip tray
Dimensions:	1200 x 800 x bis 1700mm (LxWxH)



CON-TRUST WEIGHT BELT FEEDER (DOSIERBANDWAAGE)

Herstellung von verwogenen Produktströmen.

ANWENDUNG:

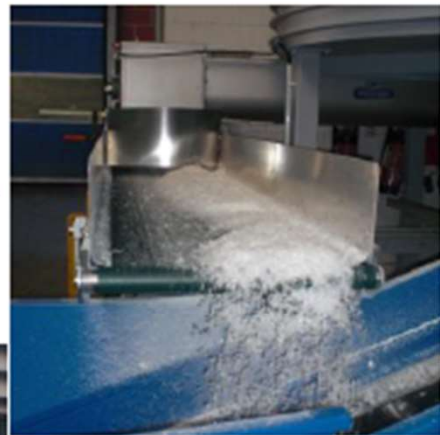
Bei vielen Prozessen in der kunststofferzeugenden Industrie gilt es, zunehmend schlecht fließende und sehr leichte Schüttgüter (Recyclate / Mahlgüter) zu verwiegen. Durch das offene Konzept und durch Verwendung handelsüblicher Förderbänder, sowie die Ausnutzung der gesamten Bandlänge als Wiegestrecke, lassen sich auch schwierigste Schüttgüter genau dosieren.

FUNKTION:

Ein Förderband wird einseitig reibungsfrei auf der Umgebung gelagert und auf der gegenüberliegenden Seite mittels einer Plattformwaage gewogen. Das Gewicht und die Bandgeschwindigkeit wird einem Bandwaagenregelsystem zur Verfügung gestellt. Nach Tarierung und Kalibrierung kann die Dosierbandwaage einen genauen, geregelten Produktstrom erstellen.

HAUPTMERKMALE:

- Kontinuierliche Einzel-Produktstromregelung
- Band Antrieb über Frequenz-Umrichter
- Leistungsbereich 50 - 10.000 kg/h
- Bandbreite bis 1 m, Bandlänge bis 4 m
- Option: Anschluss an SCHOLZ easyTouch Regler



Beispiel: SCHOLZ WBF 3000 Dosierbandwaage

Application

Material Handling of bad flowing powders

SCHOLZ JUMBO

BIG-BAG Emptying-Station



Coupling to volumetric and gravimetric dosing systems and batch systems possible.

Application

Material Handling of bad flowing powders

SCHOLZ JUMBO

BIG-BAG Emptying-Station

HANG



Forklift suspension
Electric chain hoist

PADDLE



4-Paddel-Massage

LOCK

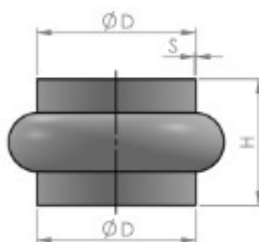


Closed housing
Pneumatic closing device
Manual BIG-BAG fixation

FEED



FLEX dosing unit as discharge dosing unit
Closing flap



Folding bellows

Art.- Nr.	D	H	S	€/Stk
SD-FB/SK-60/90	60	90	1,0-1,3	80,--
SD-FB/SK-100/90	100	90	1,0-1,3	100,--
SD-FB/SK-150/90	150	90	1,0-1,3	130,--
SD-FB/SK-200/90	200	90	1,0-1,3	150,--
SD-FB/SK-250/90	250	90	1,0-1,3	170,--
SD-FB/SK-300/90	300	90	1,0-1,3	200,--
SD-FB/SK-350/90	350	90	1,0-1,3	250,--

Approved according to FDA/ECC

SILIKON, milky white, w/o reinforced edges

Art.- Nr.	D	H	S	€/Stk
SD-FB/LT-50/120	50	120	1,0-1,3	35,--
SD-FB/LT-100/135	100	135	1,0-1,3	65,--
SD-FB/LT-150/135	150	135	1,0-1,3	90,--
SD-FB/LT-200/135	200	135	1,0-1,3	100,--
SD-FB/LT-250/135	250	135	1,0-1,3	110,--
SD-FB/LT-300/135	300	135	1,0-1,3	160,--
SD-FB/LT-350/135	350	135	1,0-1,3	220,--

LATEX, yellow-brown, w/o reinforced edges

Art.- Nr.	D	H	S	€/Stk
SD-FB/SK-60/90-A	60	90	1,0-1,3	100,--
SD-FB/SK-100/90-A	100	90	1,0-1,3	120,--
SD-FB/SK-150/90-A	150	90	1,0-1,3	170,--
SD-FB/SK-200/90-A	200	90	1,0-1,3	200,--

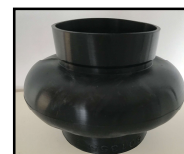
Approved according to ATEX

SILIKON, black, with reinforced edges



SILIKON

15% stretchable



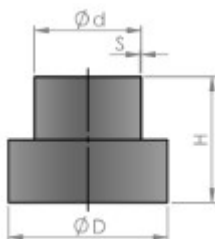
SILIKON ATEX

15% stretchable



LATEX

20% stretchable

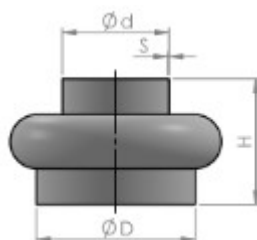


Step bellows

Art.- Nr.	d / D	H	S	€/Stk
SD-SB/LT-50/100	50 / 100	100	1,0-1,3	100,--
SD-SB/LT-100/150	100 / 150	100	1,0-1,3	110,--
SD-SB/LT-150/200	150 / 200	100	1,0-1,3	150,--
SD-SB/LT-200/250	200 / 250	120	1,0-1,3	180,--

Art.- Nr.	d / D	H	S	€/Stk
SD-SB/PU-50/100	50 / 100	100	1,0-1,3	150,--
SD-SB/PU-100/150	100 / 150	100	1,0-1,3	180,--
SD-SB/PU-150/200	150 / 200	100	1,0-1,3	200,--
SD-SB/PU-200/250	200 / 250	120	1,0-1,3	230,--

Temperature range	MIN	MAX
LATEX	-30°C	80°C
SILIKON	-60°C	200°C
SILIKON ATEX	-60°C	200°C
PU step bellows	-40°C	90°C
PE pipe caps	-30°C	50°C



Step folding bellows

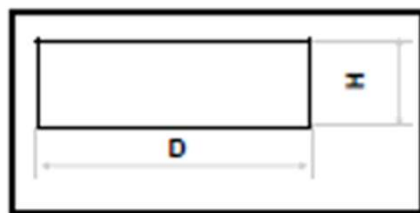
Art.- Nr.	d / D	H	S	€/Stk
SD-SFB/LT-50/100	50 / 100	100	1,0-1,3	100,--
SD-SFB/LT-100/150	100 / 150	100	1,0-1,3	120,--

All dimensions in mm.
Others sizes on request.
Net prices without VAT.

POLYETHYLEN pipe caps

High strength,
Easy to maintain due to simple interchangeability

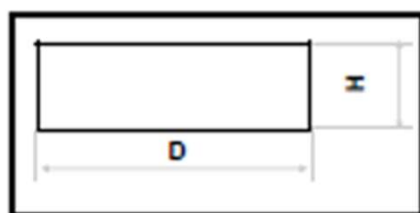
Art.- Nr.	D	H in mm	Preis € / Stk
SD-RK/PE-60	60,3	60	15,--
SD-RK/PE-100	103	43	20,--
SD-RK/PE-110	114,3	50	25,--
SD-RK/PE-140	139,7	65	35,--
SD-RK/PE-170	168,3	50	40,--
SD-RK/PE-200	200	50	45,--



LATEX and CHLOROPREN pipe caps

Highly flexible and high strength
Easy to maintain due to simple interchangeability

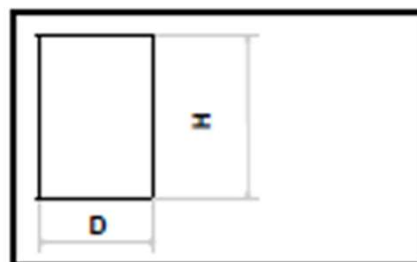
Art.- Nr.	D	H in mm	Preis € / Stk
SD-RK/LT-120	120	30	100,--
SD-RK/LT-180	180	30	110,--
SD-RK/CR-180	180	30	120,--



PPF2B filter bags

Particularly suitable for venting differential weighfeeders

Art.- Nr.	D	H in mm	Preis € / Stk
SD-FS-50	50	140	35,--
SD-FS-100	100	215	40,--
SD-FS-150	150	250	50,--



Hose clamps

Material Mu St 2 K50, galvanised

Art.- Nr.	D	Preis € / Stk
SD-SS-50/70	50 - 70	20,--
SD-SS-100/120	100 - 120	20,--
SD-SS-140/160	140 - 160	20,--
SD-SS-160/180	160 - 180	20,--
SD-SS-180/200	180 - 200	30,--
SD-SS-200/220	200 - 220	30,--
SD-SS-240/260	240 - 260	30,--
SD-SS-300/320	300 - 320	30,--

All dimensions in mm.
Others sizes on request.
Net prices without VAT.

good company

since 1995



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