



**ACCESSORIES**

Endless Opportunities

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Subject to alterations, even without advance notice.  
Measurements and data without obligation.

# ACCESSORIES FOR DOSING UNITS



## Neckpiece slide manuel

Neckpiece slides secure the units against the neckpiece and make it possible to take samples and conduct volume tests. The units can be filled and emptied during production.



## Neckpiece slide pneumatic

The pneumatic neckpiece slide facilitates remote opening and closing and thus taking samples remotely.



## Position detection neckpiece slide

Using a feedback signal from the pneumatic cylinder, the system displays the position of the slide (open/closed).



## Taking a sample via the neckpiece slide

You can take samples via the neckpiece slide.



## Customer-specific screw/cylinder combinations

Reliable, reproducible dosing even with special applications.



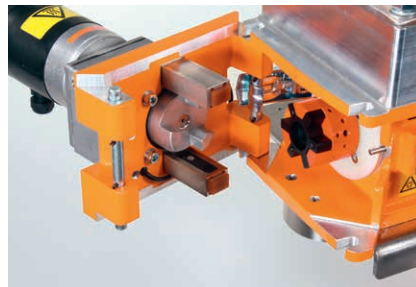
## Special seal for processing powder

Prevents powder material from escaping.





# ACCESSORIES FOR NECKPIECES



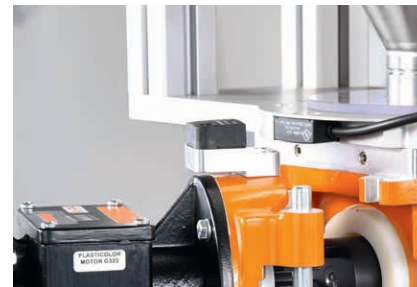
## Automatic screw identification

Automatic screw identification makes it possible to detect automatically which screw is installed in the PLASTICOLOR dosing unit in each case.



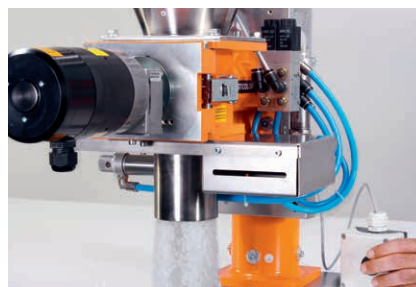
## Motor safety cut-off

A contact sensor interrupts the power supply to the motor as soon as the motor shelf is opened in on-going operation.



## Motor safety cut-off (EN ISO 13849-1)

A certified safety sensor interrupts the power supply to the motor as soon as the motor shelf is opened in ongoing operation.



## Quick discharge pneumatic

The pneumatic quick discharge can be remotely operated, for example for PLASTICOLOR dosing units that are mounted on a platform/gantry or in a high position.



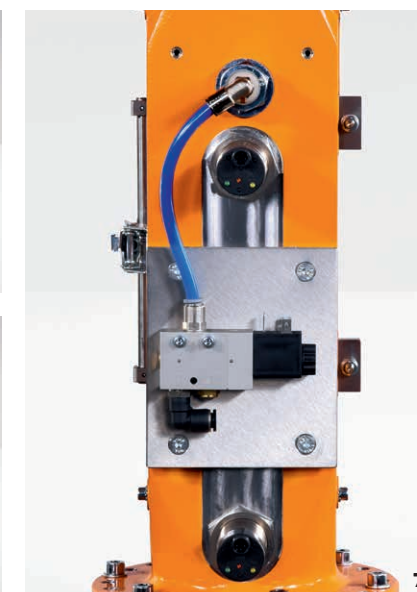
## Quick discharge and neckpiece slide connecting a hose

Using a hose for quick discharge or connecting a hose for taking samples is a practical option for all PLASTICOLOR dosing units that are mounted in a high or inaccessible position. The material can be discharged into a container on the floor.



## Automatic discharge and cleaning

WOYWOD has developed an automatic discharge and cleaning system for PLASTICOLOR volumetric units and mixing stations. We have patented this innovative automatic discharge and cleaning technology both in Germany (patent number DE 10 2011 112 016) and in many other European countries (patent number ET 2 564 946).



### 1 Purge hopper

You can integrate a separate hopper with a slide into the system for feeding purge material into the production machine.

### 2 High capacity insert / Deflector plate

High capacity inserts/deflectors plates for dosing without back pressure into the main material stream flowing through the neckpiece.

### 3 Ioniser unit

Neutralizes electrostatic charging in the processed material.

### 4 Neckpiece lighting

The neckpiece is lit by an LED to give you a better view of the material flow.

### 5 Hopper adapter

Hopper Adapter for the mounting of a main material hopper on top of the neckpiece. With the Hopper Adapter all hoppers out of the PLASTICOLOR product range will fit, without any steps or restrictions.

### 6 Magnetic separator

Permanent magnets remove iron particles from the plastic granulate.

### 7 Sensor cleaning system

The system clean the upper level sensors when processing material with high dust content or other contamination.

### 8 Quick discharge for neckpieces

Quick and easy emptying of residual material from the neckpiece.

# ACCESSORIES FOR HOPPERS



## Hopper slide

A hopper slide is being used when changing the screw/cylinder without emptying the hopper.



## Sensor adapter

When processing small amounts of additive or changing materials very frequently, it is helpful to install an adapter for a sensor over the dosing screw.



## Sensors

Heat-resistant sensors are available to control the fill level in the hopper and the neckpiece.



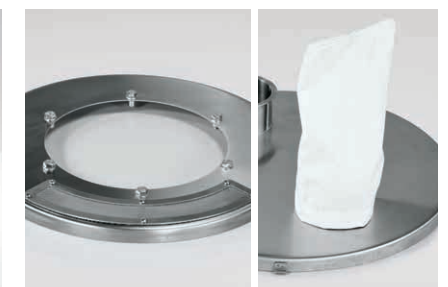
## Sensors for powder media

Special sensors are available for processing powder media.



## Hopper lid variations

A wide range of different hopper lid designs for various applications.



## Pressure compensation opening

Pressure compensation for processing granulates (metal mesh) and powder (textile filter).



# ELECTRICAL ACCESSORIES

# CHECKLIST

## Accessories and options



### 1 Alarm and display lamps

- visual flashing alarm lights and flashing status display lights
- acoustic alarm (buzzer)



### 2 Bus interfaces

Various different fieldbus interfaces are available for transferring parameters and data from/to external IT systems (e.g. Modbus, Profibus, TCP/P, ProfiNet, CAN-open, EtherNet/IP, etc.)



### 3 Automatic bulk density detection

A specially designed refill valve makes it possible to determine the bulk density with gravimetric mixing stations.

### for PLASTICOLOR dosing units and mixing stations

- ☐ Neckpiece slide pneumatic
- ☐ Quick discharge pneumatic
- ☐ Pneumatic slide position detection
- ☐ Special seal for processing powder
- ☐ Open refill valve button
- ☐ Detection motor shelf open/closed
- ☐ Automatic screw identification
- ☐ Extended motor safety cut-off (acc. to EN ISO 13849-1)
- ☐ Automatic discharge and cleaning
- ☐ Sensor adapters
- ☐ Ioniser unit
- ☐ Sensor cleaning system
- ☐ Neckpiece illumination
- ☐ Magnetic separator
- ☐ Automatic bulk weight detection
- ☐ Alarm lamp
- ☐ Bus interface
- ☐ Individual lid design
- ☐ Compensation filter
- ☐ Quick connection
- ☐ Purge unit

### for PLASTICOLOR hopper loaders

- ☐ Central filter
- ☐ Emptying valve
- ☐ PTFE flap
- ☐ Maximum sensor
- ☐ External alarm
- ☐ Reset alarm
- ☐ Double-walled suction probe
- ☐ Additional silencer

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