

PLASTICOLOR

ACCESSORIES



WOYWOD

ACCESSORIES FOR DOSING UNITS

NECKPIECE SLIDE

MANUAL



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.

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).

ACCESSORIES FOR DOSING UNITS

**TAKING A SAMPLE
VIA THE NECKPIECE SLIDE.**



You can take samples via the neckpiece slide.

**CUSTOMER-SPECIFIC
SCREW/CYLINDER COMBI-
NATIONS**



Reliable, reproducible dosing even with special applications

**SPECIAL SEAL FOR
PROCESSING POWDER**



Prevents powder material from escaping

ACCESSORIES FOR DOSING UNITS

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 ongoing operation.

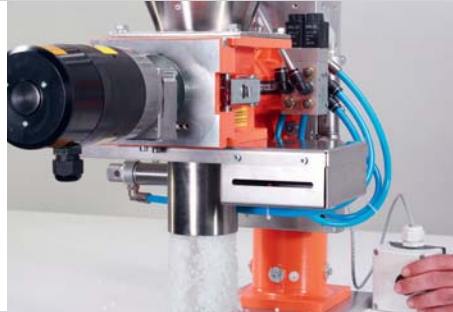
MOTOR SAFETY CUT-OFF (EN ISO 13849-1)



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

ACCESSORIES FOR DOSING UNITS

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).

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.

ACCESSORIES FOR HOPPERS

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)
- Powder (textile filter)

ACCESSORIES FOR NECKPIECES

PURGE HOPPER



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

HIGH CAPACITY INSERT / DEFLECTOR PLATE



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

IONISER UNIT



An ioniser unit compensates electrostatic charging in the processed material.

ACCESSORIES FOR NECKPIECES

SENSOR CLEANING SYSTEM



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

NECKPIECE LIGHTING



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

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.

ACCESSORIES FOR NECKPIECES

MAGNETIC SEPARATOR



Permanent magnets remove iron particles from the plastic granulate.

QUICK DISCHARGE FOR NECKPIECES



Quick and easy emptying of residual material from the neckpiece.

ELECTRICAL ACCESSORIES

ALARM AND DISPLAY LAMPS



Visual flashing alarm lights and flashing status display lights.

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, CANopen, EtherNet/IP, etc.)

AUTOMATIC BULK DENSITY DETECTION



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



Woywod production site in Seefeld



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