

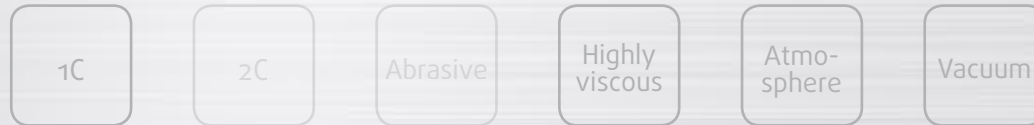


SCHEUGENPFLUG AG  
METERING AND DISPENSING TECHNOLOGY

Metering and Dispensing Systems 04 | 13

# GEAR PUMP DISPENSER Dos GP

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CONTINUOUS DISPENSING OF  
LARGE QUANTITIES

**FAST & EXACT**

Lightweight and variable geometry  
High workpiece throughput  
Straight lines applied with high precision

**ULTIMATE MOVABILITY**

The gear pump dispenser has a highly  
flexible movement range

Using a swivel needle (optional  
equipment) it is possible to trace  
steeply inclined contours

## GEAR PUMP DISPENSER Dos GP



Possible contours supported



Gear pump dispenser Dos GP  
one component,  
1 nozzle



## GEAR PUMP DISPENSER Dos GP

**Rugged High-Precision Metering Pump for Applying Dispensing Materials in Continuous Flow. Ideal for Processing Variable Quantities at High Flow Rates With Great Accuracy.**

The gear pumps operate on the principle of rotating volumetric displacement. The geometry of the gear and the number of cogs determine the metering output. The rotating speed of the gears precisely controls the metering output. This renders the dispensing process absolutely continuous and constant.

#### Used for | Materials:

- One component
- Highly viscous
- Non-abrasive
- Non-filled

Also suitable for materials sensitive to moisture.

#### Usage:

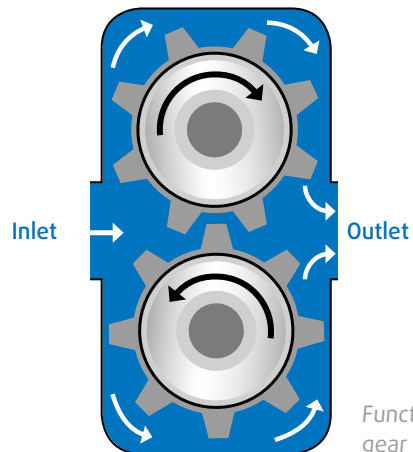
Application of one component sealing beads and other dispensing media onto workpieces for sealing and bonding.

#### Equipment:

- Stepper or servo motor
- Rinsing liquid container with inspection glass
- Pressure monitoring – inlet pressure
- Pressure relief

#### Optional:

- Free choice between stepping motor or servo motor drive for optimal suitability in all types of production lines
- Quick changing of the motor for easy switch-over to different dispensers when several are used in turn
- Swivel needle



*Function principle of gear pump dispenser*



#### GERMANY

Scheugenpflug AG  
Gewerbepark 23  
93333 Neustadt a. d. Donau

Phone +49 9445 9564 0  
Fax +49 9445 9564 40

vertrieb.de@scheugenpflug.de  
www.scheugenpflug.de

#### CHINA

Scheugenpflug Resin Metering  
Technologies Co., Ltd.  
1st Floor, BLK 3  
No 35 Hong Feng Road  
Suzhou 215021

Phone +86 512 676 187 76  
Fax +86 512 628 828 18

info@scheugenpflug.com.cn  
www.scheugenpflug-china.com

#### USA

Scheugenpflug Inc.  
975 Cobb Place Boulevard,  
Suite 218  
Kennesaw, Georgia 30144

Phone +1 770 218 0835  
Fax +1 770 218 0931

sales.usa@scheugenpflug-usa.com  
www.scheugenpflug-usa.com

## SALES PARTNERS

#### BENELUX

Exmore Benelux bvba  
Ketelaarstraat 8  
2340 Beerse

Phone +32 14 618 666  
Fax +32 14 618 675

info@exmore.com  
www.exmore.com

#### ITALY

ATRA S.r.l  
Via Roveredo 1/A  
Z.I. Paradiso  
33170 Pordenone

Phone +39 434 550 882  
Fax +39 434 555 974

info@atra.it  
www.atra.it

#### RUSSIA

Ostec Enterprise Ltd.  
Moldavskaya str. 5/2  
121467 Moscow

Phone +7 495 788 44 44  
Fax +7 495 788 44 42

info@ostec-smt.ru  
www.ostec-smt.ru

#### CZECH REPUBLIC / SLOVAKIA

AMTECH spol. s r. o.  
Palackého třída 153b  
621 00 Brno

Phone +420 541 225 215  
Fax +420 541 228 285

amtech@amtech.cz  
www.amtech.cz

#### KOREA

ETC CO.,LTD.  
Daehyun Techno-World. # 1206  
174 Ohjeon-Dong, Uiwang-Si,  
Kyunggi-Do, Korea (437-753)

Phone +82 31 427 2530  
Fax +82 31 427 1781

wblee@etcco.kr  
www.etcco.kr

#### SPAIN

SINUTECH, S.A.  
Sistemas Industriales  
Voletrègà, 3  
08570 Torelló (Barcelona)

Phone +34 938 592 757  
Fax +34 938 592 654

dosificacion@sinutech.es  
www.sinutech.es

#### HUNGARY

ELAS Kft.  
Diófa u. 130  
1162 Budapest

Phone +36 1 222 6439  
Fax +36 1 220 9401

elas@elas.hu  
www.elas.hu

#### POLAND

TechSpeed Bendkowski, Mazur Sp.j.  
ul. Stawowa 4  
PL41-214 Sosnowiec

Phone +48 32 263 19 68  
Mobile +48 695 330 363  
Fax +48 720 20 94

office@techspeed.pl  
www.techspeed.pl