



Our technology makes an impact.

DOSING TECHNOLOGY



## BIG-Dos

43/3000  
52/3000  
60/3000  
69/3000  
77/3000  
86/3000  
94/3000  
105/3000

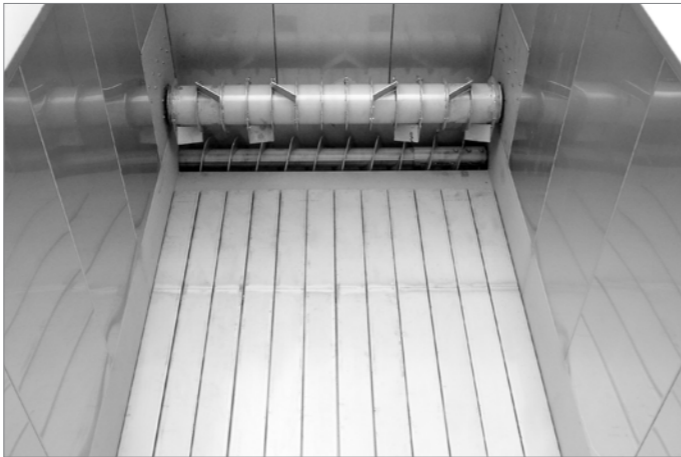


# BIG-Dos dosing unit from PUMPE

Optimal solutions for all requirements.

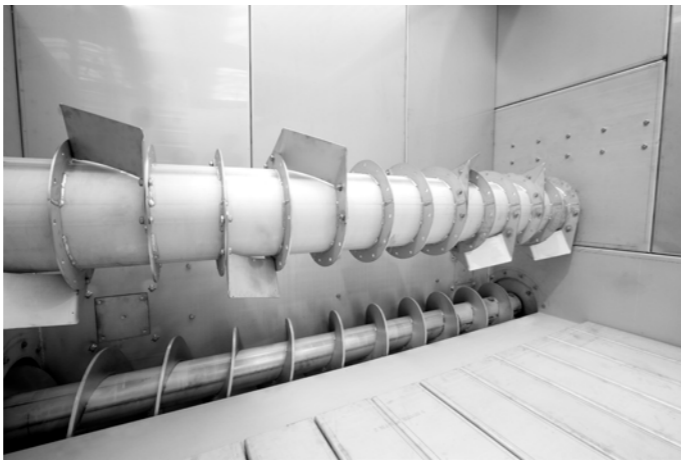
Our experience has taught us that every plant has its own unique requirements when it comes to capacity, substrate materials and conveyor technology. With our customized and proven BIG-Dos

dosing units, we here at PUMPE have developed just the right solution to each of these challenges. Here are a few examples of areas of application.



**Hydraulic power unit - controls**  
The push strips are driven by an electric hydraulic power unit, which is standard equipped with thermal monitoring and a low oil switch. The BIG-Dos comes equipped as standard with a PLC for controlling the push strips and the mixing and dosing area.

**Push strip system**  
On the floor of the dosing container, hydraulically driven stainless steel push strips convey the material to the processing area. The floor itself is coated with wear-resistant plastic, which results in low friction between the push strips and the floor.

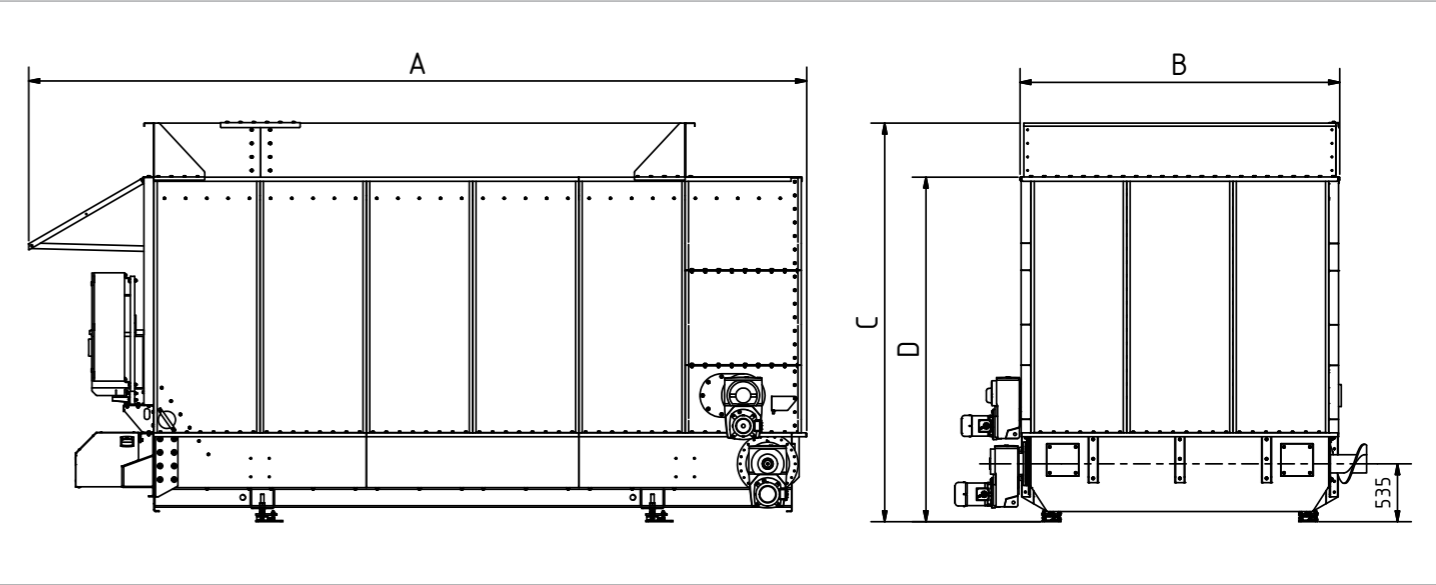


**Storage container**  
The robust design of the storage container is the product of our many years of experience. The section of the container that comes into contact with products is made from stainless steel.

**Processing and dosing area**  
The horizontal dissolving screw, made of stainless steel, is processing and preparing the stored substrates. The dissolving screw is equipped with stainless steel cutting knives. The substrates is thereby fed to the discharged screw conveyor.

# An overview of models

Technology that makes an impact.



BIG-Dos		43/3000	52/3000	60/3000	69/3000	77/3000	86/3000	94/3000	105/3000
Contents	m³	43	52	60	69	77	86	94	105
A - Total length	m	6,2	7,1	8,1	9,1	10,1	11,1	12	13
B - Container width	m	2,95							
C - Total height	m	3,7							
D - Sill height	m	3,2							
Dydraulic drive	kW	3,0							
Dissolving screw	kW	2,2							
Conveyor screw type 360	kW	2,2							
Conveyor screw type 450	kW	4,0							
Mainstays	Stk.	4	4	6	6	6	8	8	8
All wetted parts are made of stainless steel		x	x	x	x	x	x	x	x
Hinged cover		o	o	o	o	o	o	o	o
Weighing system		o	o	o	o	o	o	o	o
Electrical control cabinet		o	o	o	o	o	o	o	o
x = standard equipment, o = optional									

# Konrad Pumpe GmbH

Innovative technology plus experience.



## AGRICULTURAL TECHNOLOGY

For more than 180 years, we have been closely following the developments and increasing demands of the agricultural industry. Our barn equipment and feeding systems are characterized by sophisticated functionality, individual concepts and the highest standards of quality and durability. Partnership is our foundation; reliability and professionalism are our recipe for success.



## DOSING TECHNOLOGY

The transition to renewable sources of energy is opening up new perspectives for agricultural practices. We here at PUMPE are reliable partners to the energy farmers of tomorrow and offer innovative products and proven technology for biogas operators. From the design process, to manufacturing in our own production facilities, to installation and maintenance, we guarantee perfect service from a single source.



## METAL TECHNOLOGY

Our origin is our expertise. Since 1830, we have been forging solid realities out of metal. With the latest technology and our years of experience, we are coming up with customized metal solutions for various applications in agriculture and industry. Custom-made solutions and in-house developments using steel and stainless steel is our passion.

## Our service for your success

- Full service – from design and manufacturing to installation and service
- 365 days a year customer service for our clients
- Our own high bay warehouse and in-house production guarantee availability of all spare parts
- Quick reaction times and personal contacts
- Customized production and adaptations for individual specifications
- Close cooperation with our clients and consulting by our specialists
- Short distances and clear structures for perfect customer service
- Worldwide installation and maintenance of your equipment
- Quality and material "Made in Germany"
- A qualified staff that receives ongoing training guarantees the highest level of service
- More than 180 years of experience in the metal processing
- Owner-managed family company



### Konrad Pumpe GmbH

- project engineering
- special machinery
- CNC sheet metal
- accessory and containers
- machinery and equipment
- steel construction
- barn equipment
- feeding systems for pigs
- dosing technology for biogas plants



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