GDS1



Suitable for granules, flakes, ground materials, additives and powders

Suitable for underlined extruders

Full control of the Extrusion line

Piovan
Fdm

GRAVIMETRIC DOSING SYSTEM

- Throughput control and gravimetric blending systems, continuous using the „loss-in-weight“ principle ensure
- One component
- Max. output to 2.400 kg/h
- Pellet, flakes, regrind and additive

GDS1 (-HT)

Gravimetric Dosing System

Electrical Data	
Main connection:	230 V, PE, 50/60 Hz
Nominal output:	0.3 kW
Current consumption:	2 A
Protective system:	IP 44

Dimensions	
H x W (max):	1450 mm x 590 mm
Weight:	30 kg

Ambient Conditions	
Max. temperature of cargo:	70°C
- Construction HT:	180°C
Max. ambient temperature at work:	
	+5°C bis +50°C
Air humidity at 20°C:	≤ 80 %

Emission	
Noise level:	≤ 65 dB (A)

Material	
Slide valves:	stainless steel
Blender top, casing:	aluminium
Weight-hopper:	stainless steel/plexiglass
- Construction HT:	stainless steel

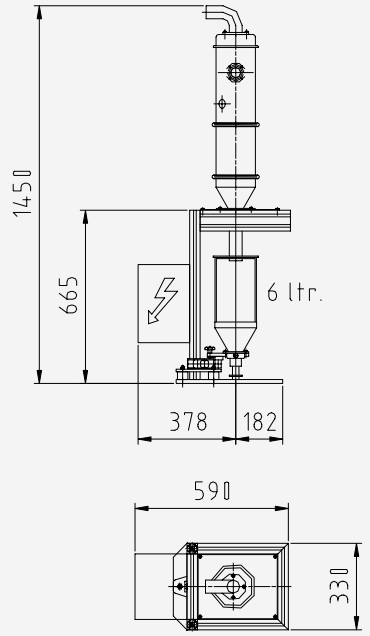
Net volume	
Weight hopper content:	
3 Liter	0,1 - 40 kg/h
6 Liter	1,0 - 90 kg/h
15 Liter	7 - 240 kg/h
25 Liter	12 - 400 kg/h
50 Liter	25 - 800 kg/h
75 Liter	40 - 1.200 kg/h
100 Liter	50 - 1.600 kg/h
150 Liter	80 - 2.400 kg/h

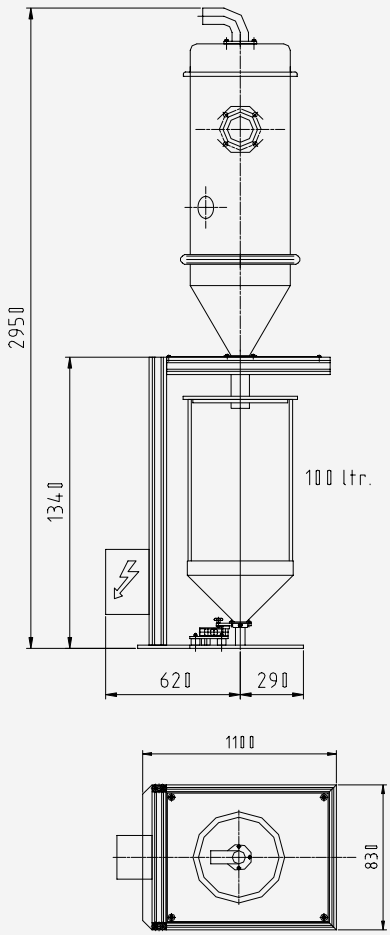
Degree of accuracy

± 0,2 – 0,5 % of total capacity. Performance and dosing depending on the bulk cargo

Options

Silos, bag empting station, big-bag discharge station, suction conveyor, piping material





FDM GmbH
Junkersring 24
D-53844 Troisdorf
Germany

Tel. +(49) 2241 2660600
Fax +(49) 2241 2660611
mail.fdm@fdm.piovan.com
fdm.piovan.com

Piovan
Fdm

GDS7



Suitable for granules, flakes, ground materials, additives and powders

Suitable for underlined extruders

Full control of the Extrusion line

Piovan
Fdm

GRAVIMETRIC DOSING SYSTEM

- Throughput control and gravimetric blending systems, continuous gravimetric systems using the “loss-in-weight” principle ensure
- Total 7 components
- Max. output to 1.600 kg/h
- Pellet, flakes, regrind and additive
- To 6 auxiliary components with dosing screws
- Special solutions

GDS7 (-HT)

Gravimetric Dosing System

Electrical Data

Main connection:	3 x 400 V, PE, N, 50/60 Hz
Nominal output:	1.5 kW
Current consumption:	2 A
Protective system:	IP 44

*Performance depending on control and construction

Dimensions

H x W (max):	2430 mm x 1500 mm
Weight:	200 kg

Ambient Conditions

Max. temperature of cargo:	+ 70°C
- Construction HT:	180°C
Max. ambient temperature at work:	
	+ 5°C to + 50°C
Air humidity at 20°C:	≤ 80 %

Emission

Noise level:	≤ 65 dB (A)

Material

Slide valves, inlet piping, mixer:	stainless steel
Blender top, casing:	aluminium
Weight-hopper:	stainless steel/plexiglass

Net volume Weight hopper content

main component:	6, 15, 25, 50, 75, 100, 150 L
6 auxiliary components:	3, 6, 15, 25, 50, 75 L

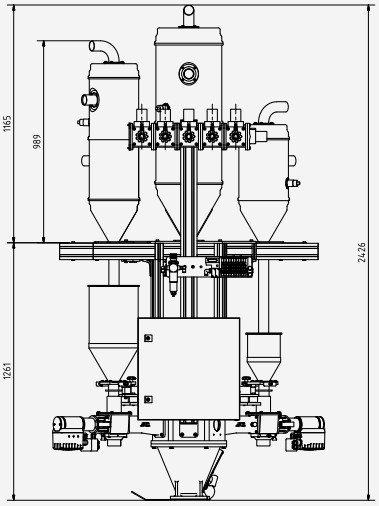
Dosing output

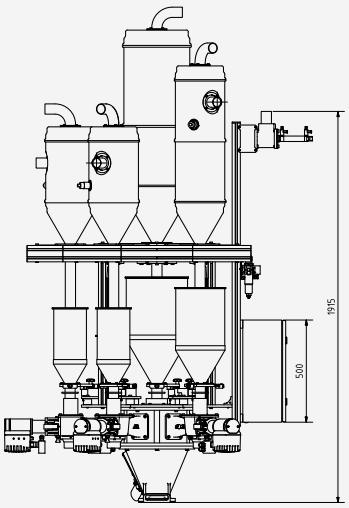
main component:	50 - 1600 kg/h
6 auxiliary components:	0.2 - 750 kg/h
Degree of accuracy/of capacity:	± 0,2 – 0,5 %

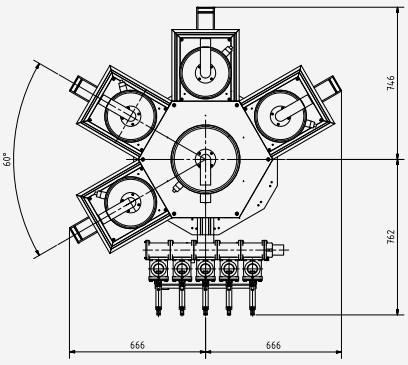
* Performance and dosing depending on the bulk cargo

Options

Silos, bag emptying station, big-bag discharge station,
suction conveyor, main filter, piping material







FDM GmbH
Junkersring 24
D-53844 Troisdorf
Germany

Tel. +(49) 2241 2660600
Fax +(49) 2241 2660611
mail.fdm@fdm.piovan.com
fdm.piovan.com

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GDS11



Suitable for granules, flakes, ground materials, additives and powders

Suitable for underlined extruders

Full control of the Extrusion line

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GRAVIMETRIC DOSING SYSTEM

- Throughput control and gravimetric blending systems, continuous gravimetric systems using the “loss-in-weight” principle ensure
- Total 11 components
- Max. output to 800 kg/h
- Pellet, flakes, regrind and additive
- To 10 auxiliary components with dosing screws
- Special solutions

GDS11 (-HT)

Gravimetric Dosing System

Electrical Data

Main connection:	3 x 400 V, PE, N, 50/60 Hz
Nominal output:	1.5 kW
Current consumption:	2 A
Protective system:	IP 44

*Performance depending on control and construction

Dimensions

H x W (max):	2450 mm x 1600 mm
Weight:	200 kg

Ambient Conditions

Max. temperature of cargo:	+ 70°C
- Construction HT:	180°C
Max. ambient temperature at work:	
	+ 5°C to + 50°C
Air humidity at 20°C:	≤ 80 %

Emission

Noise level:	≤ 65 dB (A)

Material

Slide valves, inlet piping, mixer:	stainless steel
Blender top, casing:	aluminium
Weight-hopper:	stainless steel/plexiglass

Net volume Weight hopper content

main component:	6, 15, 25, 35, 50 L
10 auxiliary components:	3, 6, 15, 25 L

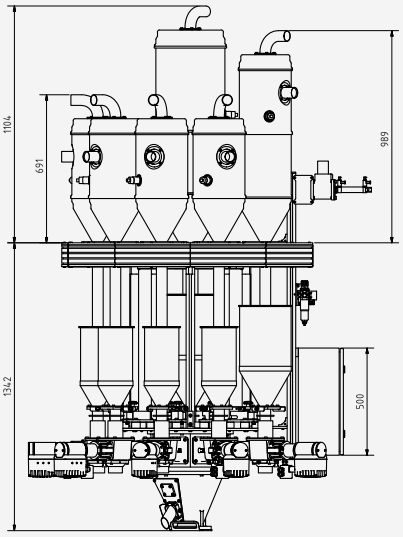
Dosing output

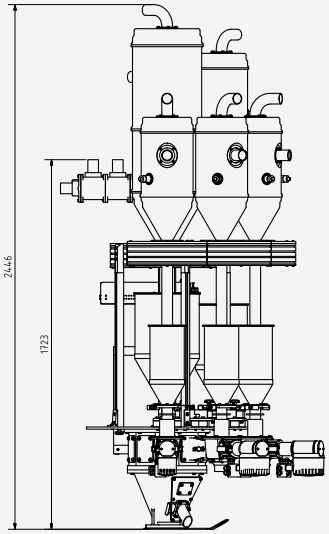
main component:	25 - 600 kg/h
10 auxiliary components:	0.2 - 300 kg/h
Degree of accuracy/of capacity:	± 0,2 – 0,5 %

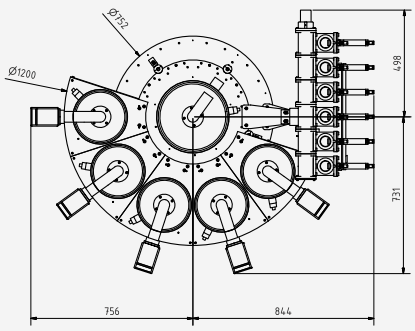
* Performance and dosing depending on the bulk cargo

Options

Silos, bag emptying station, big-bag discharge station, suction conveyor, main filter, piping material







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mail.fdm@fdm.piovan.com
fdm.piovan.com

Piovan
Fdm