

VERTICAL CAPSULES DEDUSTER

The PTG «V»

The PTG «V» ranges are mainly used for dedusting and polishing capsules. A polyamide/nylon rotative screw without end achieves a polishing in a 316L stainless steel tube. On the overall uphill conveying length suction stitchings allow powder excess to be removed. This vertical ascending device with adjustable length from 600 mm to 1200 mm can be equipped with a removal system for empty or opened capsules. Optional possibilities such as metal detector combination are available. A latest development called PTGR «V» allows to cool capsules filled with warm liquids. All these units are completely dismountable without tooling and cleanable with ultrasonic wave bath.

Advantages

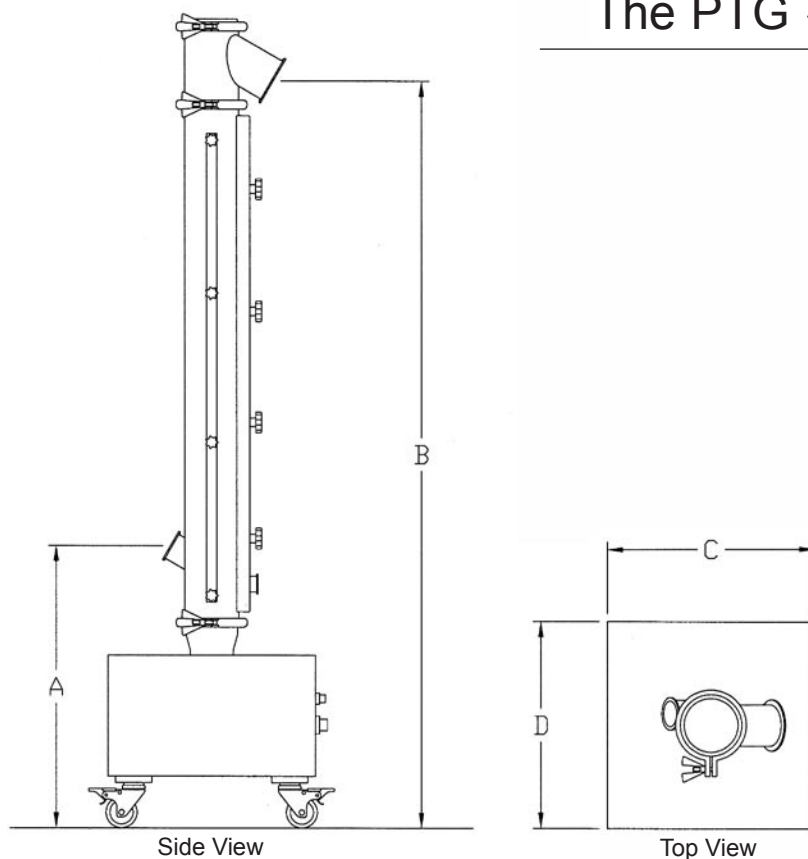
- Lift the products vertically
- Excellent dedusting
- Fully mobile
- Minimum floor utilisation
- Quick dismantling - assembling



Solutions

meeting
your needs ...

The PTG «V»

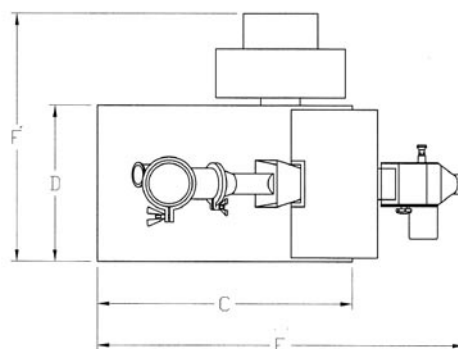
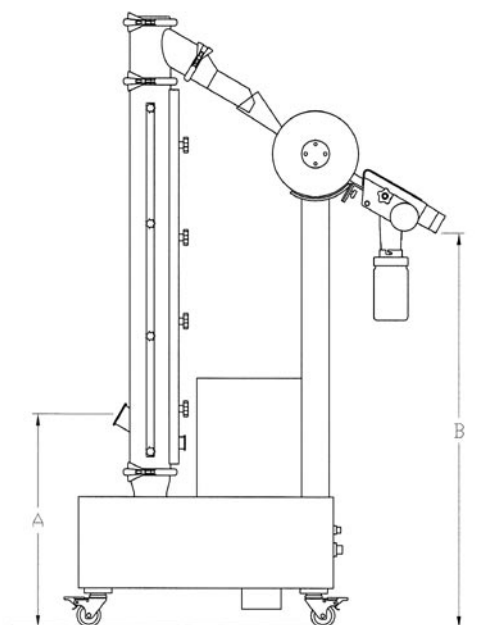
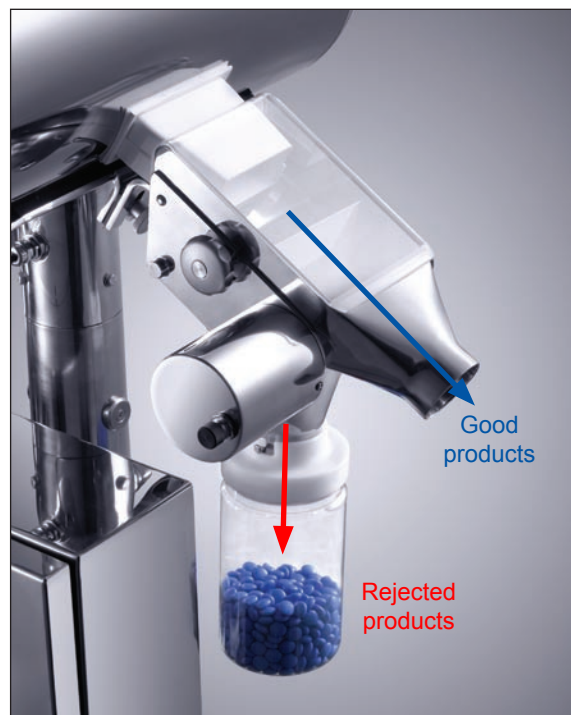


Technical data :	PTG «V» 800	PTG «V» 1000	PTG «V» 1200
Inlet height (A)	550 mm	550 mm	550 mm
Outlet height (B)	1225 mm	1425 mm	1675 mm
Floor dimensions (Cx D)	400 mm x 400 mm	400 mm x 400 mm	400 mm x 400 mm
Inlet chute dimensions	DN 50	DN 50	DN 50
Outlet chute	DN 80	DN 80	DN 80
Minimum capsules size	T 4	T 4	T 4
Maximum capsules size	T 00	T 00	T 00
Conveying speed	Adjustable	Adjustable	Adjustable
Capsules conveying time	+/- 14 sec.	+/- 18 sec.	+/- 22 sec.
Requested air extraction	+/- 120 m³/h - WS 200 mm	+/- 120 m³/h - WS 200 mm	+/- 120 m³/h - WS 200 mm
Ø Dust extraction connection	DN 32	DN 32	DN 32
Power supply	110V or 230V	110V or 230V	110V or 230V
Power cycle	50 Hz or 60 Hz	50 Hz or 60 Hz	50 Hz or 60 Hz
Contact parts screw	Nylon / Polyamide	Nylon / Polyamide	Nylon / Polyamide
Contact parts tube	Stainless steel 316L	Stainless steel 316L	Stainless steel 316L
Contact parts welding	Continuous TIG welding	Continuous TIG welding	Continuous TIG welding
Frame parts	Stainless steel 304	Stainless steel 304	Stainless steel 304
Contact parts finishing	Mirror finish RA < 0,8 µm	Mirror finish RA < 0,8 µm	Mirror finish RA < 0,8 µm
Frame mounted on wheels	Yes	Yes	Yes
Packaging	Box on 1 euro pallet	Box on 1 euro pallet	Box on 1 euro pallet
Netto weight	45 Kg	50 Kg	55 Kg
Brutto weight	79 Kg	84 Kg	89 Kg
Capacity / Speed exemples :			
Capsules T 00	220.000 /h	220.000 /h	220.000 /h
Capsules T 0	250.000 /h	250.000 /h	250.000 /h
Capsules T 1	280.000 /h	280.000 /h	280.000 /h
Capsules T 2	300.000 /h	300.000 /h	300.000 /h
Capsules T 3	380.000 /h	380.000 /h	380.000 /h
Capsules T 4	500.000 /h	500.000 /h	500.000 /h

PTG «V» combined with metal detector Lock - Safeline - Ceia



The PTG «V» MD dedusters are equipped with a metal particles detector Lock, Safeline or Ceia. This permits reaching an optimal accuracy such as spherical stainless steel part of 0,5 mm in the products. A high speed rejection mechanism instantly rejects non-conform products. The construction of this special frame saves space into the production room and reduces the retention areas. In addition, the circuit of tablets is therefore totally closed between the inlet into the deduster and the outlet of the metal particles detector.

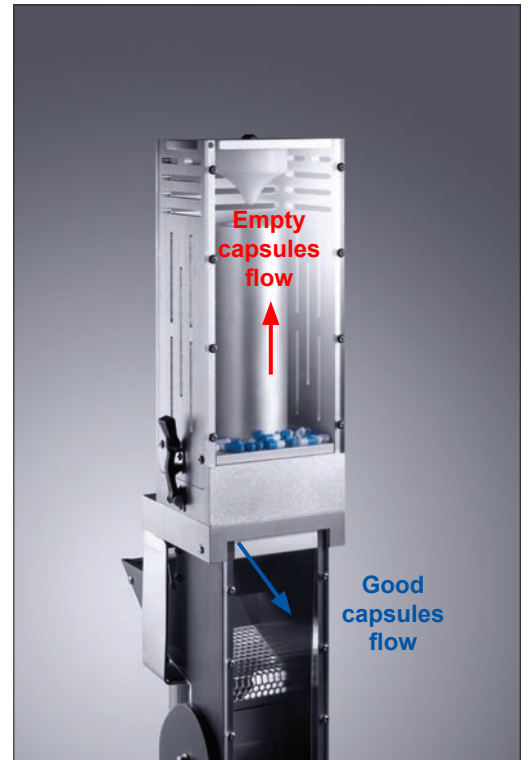




Technical data :	PTG «V» 800 MD			PTG «V» 1000 MD			PTG «V» 1200 MD		
Metal detector	Lock	Safe Line	Ceia	Lock	Safe Line	Ceia	Lock	Safe Line	Ceia
Inlet height (A)	550 mm	550 mm	550 mm	550 mm	550 mm	550 mm	550 mm	550 mm	550 mm
Outlet height (B)	800 mm	770 mm	830 mm	1000 mm	970 mm	1030 mm	1250 mm	1220 mm	1280 mm
Floor dimensions (Cx D)	650 mm x 400 mm	650 mm x 400 mm	650 mm x 400 mm	650 mm x 400 mm	650 mm x 400 mm	650 mm x 400 mm	650 mm x 400 mm	650 mm x 400 mm	650 mm x 400 mm
Total dimensions (Ex F))	935 mm x 635 mm	1015 mm x 590 mm	900 mm x 610 mm	935 mm x 635 mm	1015 mm x 590 mm	900 mm x 610 mm	935 mm x 635 mm	1015 mm x 590 mm	900 mm x 610 mm
Inlet chute dimensions	DN 50			DN 50			DN 50		
Outlet chute	DN 80			DN 80			DN 80		
Minimum capsules size	T - 4			T - 4			T - 4		
Maximum capsules size	T - 00			T - 00			T - 00		
Conveying speed	Adjustable			Adjustable			Adjustable		
Capsules conveying time	+/- 15 sec.			+/- 19 sec.			+/- 23 sec.		
Requested air extraction	+/- 120 m³/h - WS 200 mm			+/- 120 m³/h - WS 200 mm			+/- 120 m³/h - WS 200 mm		
Ø Dust extraction connection	DN 32			DN 32			DN 32		
Power supply	110V or 230V			110V or 230V			110V or 230V		
Power cycle	50 Hz or 60 Hz			50 Hz or 60 Hz			50 Hz or 60 Hz		
Contact parts screw	Nylon / Polyamide			Nylon / Polyamide			Nylon / Polyamide		
Contact parts tube	Stainless steel 316L			Stainless steel 316L			Stainless steel 316L		
Contact parts welding	Continuous TIG welding			Continuous TIG welding			Continuous TIG welding		
Frame parts	Stainless steel 304			Stainless steel 304			Stainless steel 304		
Contact parts finishing	Mirror finish RA < 0,8 µm			Mirror finish RA < 0,8 µm			Mirror finish RA < 0,8 µm		
Frame mounted on wheels	Yes			Yes			Yes		
Packaging	Box on 1 US pallet			Box on 1 US pallet			Box on 1 US pallet		
Netto weight	125 Kg			130 Kg			135 Kg		
Brutto weight	150 Kg			155 Kg			160 Kg		
Capacity / Speed exemples :									
Capsules T 00 - 4	See PTG «V»			See PTG «V»			See PTG «V»		

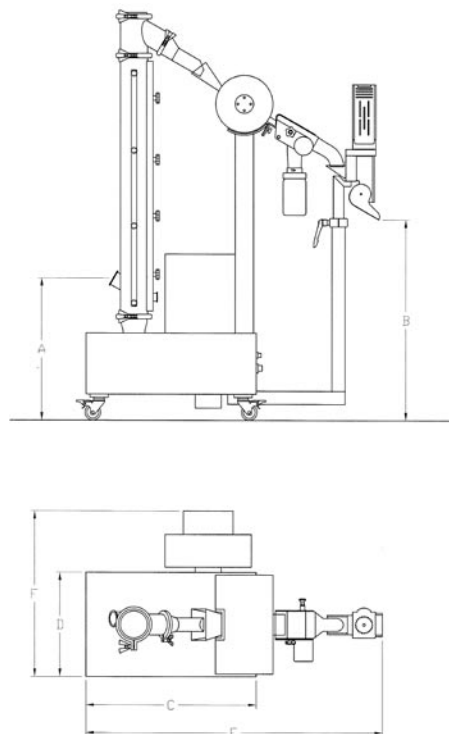
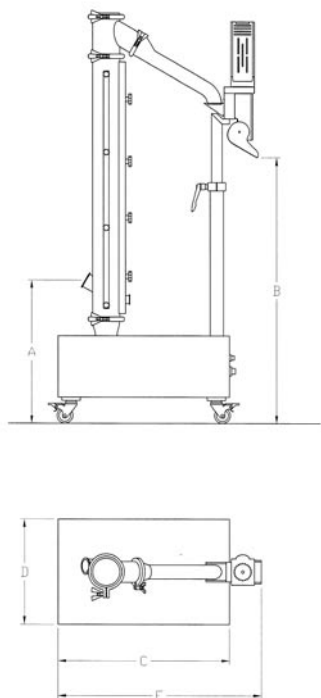
PTG «V» combined with an Empty Capsules's Eliminator (ECE)

The PTG «V» ECE is a combination of a vertical brush deduster and an empty capsules's eliminator. It will guarantee you of a 100% production without empty capsules. This unit could also be combined with any kind of metal detectors as per attached picture.



Quick dismantling & assembling





Technical data :	PTG «V» 800 ECE				PTG «V» 1000 ECE				PTG «V» 1200 ECE			
	ECE	+ Lock	+ Safe Line	+ Ceia	ECE	+ Lock	+ Safe Line	+ Ceia	ECE	+ Lock	+ Safe Line	+ Ceia
Inlet height (A)	550 mm	550 mm	550 mm	550 mm	550 mm	550 mm	550 mm	550 mm	550 mm	550 mm	550 mm	550 mm
Outlet height (B)	800 mm	560 mm	520 mm	600 mm	1000 mm	760 mm	720 mm	800 mm	1250 mm	1010 mm	970 mm	1050 mm
Floor dimensions (Cx D)	650 mm x 400 mm	650 mm x 400 mm	650 mm x 400 mm	650 mm x 400 mm	650 mm x 400 mm	650 mm x 400 mm	650 mm x 400 mm	650 mm x 400 mm	650 mm x 400 mm	650 mm x 400 mm	650 mm x 400 mm	650 mm x 400 mm
Dimensions E	770 mm	1030 mm	1230 mm	1055 mm	770 mm	1130 mm	1230 mm	1055 mm	770 mm	1130 mm	1230 mm	1055 mm
Dimensions F	-	635 mm	590 mm	610 mm	-	635 mm	590 mm	610 mm	-	635 mm	590 mm	610 mm
Inlet chute dimensions	DN 50				DN 50				DN 50			
Outlet chute	90 mm x 20 mm				90 mm x 20 mm				90 mm x 20 mm			
Minimum capsules size	T - 4				T - 4				T - 4			
Maximum capsules size	T - 00				T - 00				T - 00			
Conveying speed	Adjustable				Adjustable				Adjustable			
Capsules conveying time	+/- 16 sec.				+/- 20 sec.				+/- 24 sec.			
Requested air extraction	+/- 120 m³/h - WS 200 mm				+/- 120 m³/h - WS 200 mm				+/- 120 m³/h - WS 200 mm			
Ø Dust extraction connection	DN 32				DN 32				DN 32			
Power supply	110V or 230V				110V or 230V				110V or 230V			
Power cycle	50 Hz or 60 Hz				50 Hz or 60 Hz				50 Hz or 60 Hz			
Contact parts screw	Nylon / Polyamide				Nylon / Polyamide				Nylon / Polyamide			
Contact parts tube	Stainless steel 316L				Stainless steel 316L				Stainless steel 316L			
Contact parts welding	Continuous TIG welding				Continuous TIG welding				Continuous TIG welding			
Frame parts	Stainless steel 304				Stainless steel 304				Stainless steel 304			
Contact parts finishing	Mirror finish RA < 0,8 µm				Mirror finish RA < 0,8 µm				Mirror finish RA < 0,8 µm			
Frame mounted on wheels	Yes				Yes				Yes			
Packaging	Box on 1 US pallet				Box on 1 US pallet				Box on 1 US pallet			
Netto weight	100 Kg	135 Kg	135 Kg	135 Kg	105 Kg	140 Kg	140 Kg	140 Kg	110 Kg	145 Kg	145 Kg	145 Kg
Brutto weight	125 Kg	160 Kg	160 Kg	160 Kg	130 Kg	165 Kg	165 Kg	165 Kg	135 Kg	170 Kg	170 Kg	170 Kg
Capacity / Speed exemples :												
Capsules T 00 - 4	See PTG «V»				See PTG «V»				See PTG «V»			

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