



High Precision Downstream Lines for the Production of Medical Products



Cleanroom Friendly
Downstream Extrusion
Systems

*Mono-Layer and Multi-Layer,
Mono-Lumen and Multi-Lumen Tubing*



The CDS Medical High-Precision Vacuum Sizing Tank provides efficient filter water cooling, while maintaining an enhanced heat transfer rate, ideal for the precise shape requirements of medical tubing applications. Its stainless steel retractable water reservoirs reduce maintenance downtime and increase overall productivity. An exterior adjustable standpipe and three exterior product support rollers allow the operator to make adjustments without halting production, increasing line productivity. Its tank is controlled by manual knobs for horizontal and lateral movement and an easy PLC controlled longitudinal adjustment, allowing for 3 axis movement. **The CDS Medical High-Precision Vacuum Sizing Tank is the market leader for innovative design and easy cleaning capabilities.**

Model # CMPVS 8-8



Retractable Water Reservoirs for Easy Cleaning Access



Pan Covers Length of the Tank for Maximum Coverage

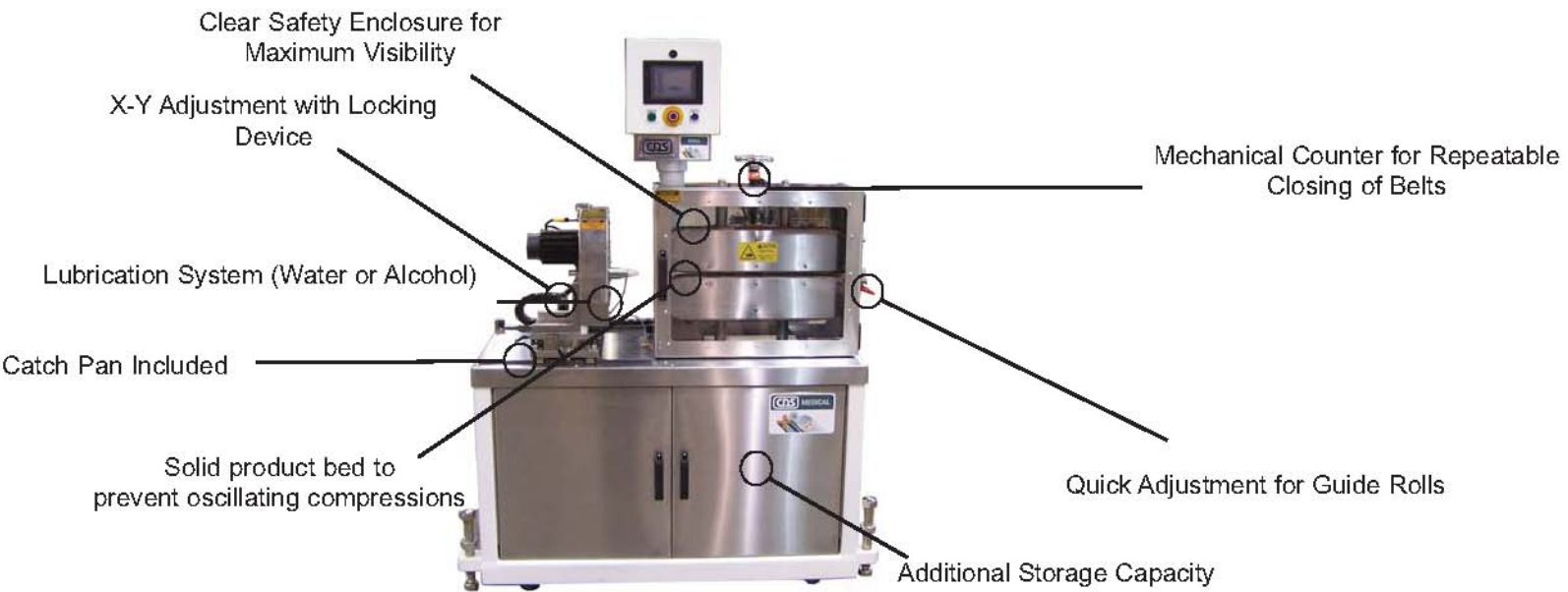
Dimensions	
Overall Height	7' (2m)
Overall Tank Length	10' (3m)
Overall Tank Width	3' (1m)
Centerline	3-1/4' - 3-3/4' (1-1.14m)
Characteristics	
# of Compartments	4
Compartment Dimensions	2' (1m) Vacuum 6' (2m) Vacuum 1' (.3m) Water Seal 1' (.3m) Air Wipe
Tank Capacity	26.0 Gal(100L)
Tank Construction	316L Stainless Steel
Tank Movement	3-Axis
Longitudinal Movement	Motorized - 1-1/2' (.46m) movement
Height Movement	6" (15.2cm) Hand Wheel
Lateral Movement	3" (7.6 cm) Hand Wheel
Product Support Rollers	Adjustable External (3)
Water Level Control	Exterior Rotary Standpipe
Controls	PLC Touch screen
Mounting	3.25" (8.25cm) Non-Marking Urethane Swivel Casters 1.25" (3.18cm) Jackscrews
Color - Framing Reservoir	Framing CDS Medical White Epoxy Paint
Weight	1563lbs (709 kgs)
Voltage	230V/3Ph/60HZ
Water Requirements	1" NPT Connections

* Specifications may change without prior notice. Please contact a CDS representative for product details. All measurements are approximations.



The stainless steel CDS Medical Combination Servo Belt Haul-Off/Servo Fly-Knife Cutter unit combines precision cutting accuracy and durable pulling capabilities on FDA approved belts in an efficiently designed small footprint. Its accurate cut-to-length of +/- 1/64th inch (0.03 cm), a maximum cut length of 9999.99 inches (254m) and a minimal cutting capacity of 0.100 inch (0.254cm), meet all of the precise requirements for the medical tubing extrusion industry. Its easy blade replacement access channel allow for safe blade removal while reducing maintenance downtime. A high precision lubrication system ensures superior product consistency and overall quality. **The innovative CDS Medical Servo Belt Haul-Off/Servo Fly-Knife Cutter Combination Unit provides high precision cutting and efficient extrudate pulling capabilities together.**

Model # CMCBSSK 2-125



Dimensions	
Overall Height	6' (1.7m)
Overall Length	4-1/2" (1.3m)
Overall Width	2-1/3" (0.7m)
Centerline	3-1/4" - 3-3/4" (1-1.14m)
Fly-Knife Cutter	Characteristics
Cutting Capacity	1/64th inch (0.03 cm) by 1.5" (3.8cm)
Cutting Length	9999.99" (254m) maximum
Cut-to-Length	+/- 1/64" (0.04cm)
Cutting Speed	Up to 3000 cuts per minute
Bushing Diameter	1.5" (3.81cm)
Operating Cycles	Start/Stop and Continuous
Control Station	Digital Speed Indicator Master/Follower Selection Switch Emergency Stop Push-Button Controls
Mounting	3.25" (8.25cm) Non-Marking Urethane Swivel Casters 1.25" inch (3.18cm) Jackscrews
Touchscreen Control	Speed & Length (batch, cutter counter)
Lateral Movement w/locking device	1' (.3m) on precision aligned rails
Servo Motor	2HP
Front-to-Back Movement	10" (25.4cm) on precision aligned rails w/locking device
Color - Framing	Framing CDS Medical White Epoxy Paint
Adjustable Blade	0- 3000 RPM
Finish	316L Stainless Steel
Overall Weight	900lbs (409kgs)
Power Requirements	230V/3Ph/60HZ

Belt Haul Off	Characteristics
Speed Range	0 to 500 feet (152m) per minute
Contact Area	2" (5cm) wide by 1-1/2' (.5m) long
Product Support	Solid bed
Entrance Guide Rolls	Adjustable nylon, guarded
Conveyor Opening	2" (5cm) maximum
Motors	2 - 1 HP Motors with Inline Planetary Gearbox
Belt Drive	Direct (Each with dedicated motor, drive and gearbox)
Belts	Timing Belt (FDA Approved Backing)

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The CDS Medical Takeaway Conveyor efficiently transports extrudate on FDA approved belts at top speeds of 72-597 fpm (22-182m), providing efficient and effective product collection. It's easily adjustable, as manual knobs permit horizontal adjustments within a 3-1/4' - 3-3/4' (1-1.14m) range. A stand alone/follower feature allows for automatic and independent line speed adjustments, providing added control. The pneumatic ejector discharges to a reinforced stainless steel collection tray for increased product retention and exterior ribbing reduces the risk of residue accumulation. Its enhanced controls include a foot per second indicator for easier speed monitoring. **The CDS Medical Takeaway Conveyor reduces overall product collection costs and increases line productivity.**

Model # CMTC 4-10



Dimensions	
Overall Height	3-1/3' (1m)
Overall Length	10' (3m)
Overall Width	2' (.6m)
Centerline	3-1/4' - 3-3/4' (1-1.14m)
Characteristics	
Speed Range	72-597 feet (22m - 182m) per minute
Conveyor Entrance Clearance	3' (1m)
Drive	1 HP DC
Motor	3/4 HP DC
Parts Ejector	Pneumatic
Belts	FDA Approved Backing
Collection Tray Construction	316L Stainless Steel
Air Pulse	Delay and duration are clocked with digital timer
Blow-Off Signal	Provided by combination belt haul-off & fly-knife cutter unit
Control Station	Digital Speed Indicator, 10-Turn Potentiometer Emergency Stop push-button controls
Mounting	3.25" (8.25cm) Non-Marking Urethane Swivel Casters 1.25" inch (3.18cm) Jackscrews
Color Framing	CDS Medical White Epoxy Paint
Weight	700lbs/317kgs
Power Requirements	120V/1Ph/60HZ

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