

Downstream



Storage



Conveying



Drying



Blending/Feeding



Heat Transfer



Size Reduction



Upstream



Downstream

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Downstream Extrusion Quick Reference

MODELS		Water	* Vacuum	Number of Water Passes			Medical Tubing	Thin-Wall Tube (straws)	Flexible Hose	Rigid Tube / Small Pipe	Flexible Trim / Gasketing	Rigid Trim / Small Profile	Window / Door Lineals	Plastic Lumber/ Decking
Vacuum Sizing Tanks	Tube/Profile Capacity (inches)	Pump (Hp)		Type	Vacuum Tank Length (ft)	Cooling Length (ft)	Applications							
MedVac Series	micro to 2 dia.	1 to 2	1.7, 5	Single pass	5.0 to 23.0	N/A	●		●					
HTMP Series	micro to 0.5 dia.	2	1.7	Multi pass	12.0 to 24.0	12.0 to 120	●		●					
MT-104	up to 2 dia.	2	1.7, 5	Single pass	7.0 to 22.0	N/A	●	●	●	●				
MT-105	up to 4.5 dia.	2	1.7, 5	Single pass	7.0 to 22.0	N/A	●	●	●	●	●			

VC Series tanks are available for diameters greater than 4.5 inches.

PCT Calibration Tables are available for profiles to 30 inches wide and tabled lengths to 32 feet. Consult factory for quote.

MSBHI Series	up to 12 wide	5 - 10	5 - 7.5	Single pass	16.0 to 24.0	N/A				●	●	●	●	●
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* Vacuum Levels: 1.7 Hp — 0 -130 inches of H₂O; 5 Hp — 0 - 200 inches of H₂O

Tube/Profile Cooling Tanks	Capacity (inches)	Pump (Hp)	Cooling Method	Tank/Table Length (ft)	Applications								
MCB Series	1 to 4 dia.	0.5 - 7.5	Immersion/Spray	7 to 30	●	●	●	●	●	●	●	●	●
MPCB Series	Micro to 0.5 dia.	3	Immersion/Multi-pass	18 to 24	●		●						
ECB Series	1 to 6 dia.	0.5 - 7.5	Immersion	7 to 30	●	●	●	●	●	●	●	●	●
MSBHI Series	up to 12 dia.	5 to 10	Spray	16 to 24				●	●	●	●	●	●

Pullers	Belt Length (inches)	Belt Width (inches)	Motor (Hp)	Max Belt Opening (inches)	Belt Type	Applications							
Precision Series	20 to 39	3 to 6	1.0 to 3.25	3 to 6.5	Poly-V/flat	●	●	●	●	●	●		
BP Series	50	6 to 12	2.0 to 3.0	6 to 12	Poly-V	●	●	●	●	●	●		
CP Series	50 to 80	6 to 8	(2) 2-3	6 to 8	Cleated							●	●

Cutters and Saws	Tube/Profile Capacity (inches)	Drive Type	Motor (Hp)	Cuts up to (per minute)	Applications							
CSC-2L / CSC - 3L	1.25 / 2.25	Servo	3.25	350 - 5600	●	●	●		●	●		
CSC2 / CSC-3	1.75 / 2.75	Servo	3.25	400 - 1500	●	●	●		●	●		
CSC-4 / CSC-5	3.75 / 4.75	Servo	4.4	200 -1500		●	●		●	●		
SureCut / Tube	2.25 to 7.25	Servo	4.6 to 10.0	150-300		●	●	●	●	●		
SureCut / Profile	2 x 10 to 6.25 x 12.25	Servo	4.6 to 10.0	150-300		●	●	●	●	●		
TS Up-Cut Series	up to 9 dia.	AC	3 to 5	Consult Conair					●		●	●
TPC-5 Series	2.5 to 5 dia.	Servo	2.7	Upto 20					●			
M-TPC-1 Series	upto 1 dia.	Servo	3.25	Consult Conair	●				●			

Combination Puller Cutter	Tube/Profile Capacity (inches)	Cutter Motor (Hp)	Puller Motor (Hp)	Belt Length (inches)	Belt Width (inches)	Line Speed (ft/min.)	Applications							
MedLine Series	micro to 0.5 dia.	2.5 to 2.7	1.0 to 2.0	12 to 20	1 to 3	up to 750	●		●					
CPC Series	up to 4 dia.	3.25 to 4.4	1.5 to 3.25	12 to 26	1 to 6	up to 500	●	●	●		●	●		

Cut and Transfer Winders	Tube/Profile Capacity (inches)	Coil Size (inches)	Traverse	Turret Drive	Line Speed (ft/min.)	Applications							
ATC Automatic	0.020 to 0.5	24 to 36 dia.	Servo	Servo	500 to 800	●		●					
MTC Manual	0.020 to 0.5	24 to 36 dia.	Servo	N/A	Up to 300	●		●					

Conveyors	Conveyor Length (ft)	Motor (Hp)	Belt Width (inches)	Belt Speed (ft/min.)	Applications							
TAC Series	6 to 16	4	20 to 500	1	●	●	●		●			
MTAC Series	6 to 16	1	20 to 500	4.0	●	●	●		●			

Dump Tables	Table Length (ft)	Table Width (ft)	Tilt	Applications								
DT Series	12 to 20	12	Pneumatic					●	●	●	●	●

Downstream Extrusion Quick Reference

MODELS

Pipe Vacuum Tanks	Machine Length In. {mm}	Machine Width In. {mm}	Vacuum Pump	Circulation Water Pump	Pipe Diameter Range (In.)
MCVBH 75/900	354.33 {9000}	34.843 {885}	1	2	.63 - 2.96
MCVBH 160/6000	259.84 {6600}	38.38 {975}	1	2	.63 - 6.3
MCVBH 160/9000	354.33 {9000}	38.38 {975}	1	2	.63 - 6.3
MCVBH 250/6000	259.84 {6600}	43.93 {1116}	1	2	1.58 - 9.85
MCVBH 400/6000	259.84 {6600}	49.8 {1265}	2	2	4.34 - 15.75
MCVBH 630/6000	354.33 {9000}	59.84 {1520}	2	2	9.85 - 24.81
Single Chamber Vacuum Tanks					
MTVBH 400/6000	259.84 {6600}	49.8 {1265}	1	1	4.34 - 15.75
MTVBH 630/6000	267.52 {6795}	59.84 {1520}	1	1	9.85 - 24.81

Pipe Spray Tanks	Machine Length In. {mm}	Machine Width In. {mm}	Circulation Water Pump	Pipe Diameter Range (In.)
MSBH 75/6000 with spray	260.24 {6610}	19.68 {500}	1	.63 - 2.96
MSH 75/4000 full immersion	157.48 {4000}	19.68 {500}	1	.63 - 2.96
MSBH 160/6000 with spray	260.62 {6620}	22.05 {560}	1	.63 - 6.3
MSBH 250/6000 with spray	260.62 {6620}	28.74 {730}	1	2 - 9.85
MSBH 400/6000 with spray	260.62 {6620}	49.8 {1265}	1	2 - 15.75
MSBH 630/6000 with spray	268.5 {6820}	47.24 {1200}	1	9.85 - 24.81

Pipe Pullers	Number of Belts	Machine Length In. {mm}	Machine Width In. {mm}	Contact Length In. {mm}	Pulling Speed Range (ft/min)	Pulling Force (N)	Pipe Diameter Range (In.)
MBC 75 2K-1500	2	127.95 {3250}	41.33 {1050}	59.05 {1500}	0.66 - 82	7,000	.63 - 2.96
MBC 160 3K-1500	3	133.46 {3390}	53.93 {1370}	59.05 {1500}	0.66 - 65	12,000	.79 - 6.3
MBC 250 4K-1500	4	140.55 {3570}	61.81 {1570}	59.05 {1500}	.66 - 65	30,000	2 - 9.85
MBC 400 6K-1500	6	141.33 {3590}	77.55 {1970}	59.05 {1500}	.66 - 29	33,000	2 - 15.75
MBC 630 8K-1600	8	161 {4090}	93.3 {2370}	63 {1600}	.66 - 29	56,000	7.09 - 24.81

Pipe Cutters	Machine Width In. {mm}	Cutting Table Stroke In. {mm}	Line Speed (ft/min)	Pipe Diameter Range (In.)
MDT 75 (Without scrap)	40.55 {1030}	53.15 {1350}	82	.63 - 2.96
MDT 110 (With Disk, Without scrap)	40.55 {1030}	53.15 {1350}	82	.63 - 4.34
MTT 160 (Without scrap)	56.1 {1425}	70.86 {1800}	65	1.58 - 6.3
MTT 250 (Without scrap)	57.08 {1450}	70.86 {1800}	65	2 - 9.85
MTT 400 (Without scrap)	57.08 {1450}	70.86 {1800}	29	4.34 - 15.75
MTT 630 (Without scrap)	57.08 {1450}	70.86 {1800}	29	7.09 - 24.81

Pipe Tilting Tables	Machine Length In. {mm}	Rollers	Pipe Length Max. (ft.)	Pipe Diameter Range (In.)
MDBA 75/6000	236.22 {6000}	Optional	19.7	.63 - 2.96
MDBA 160/6000	236.22 {6000}	Optional	19.7	.79 - 6.3
MDBA 250/6000	236.22 {6000}	Standard	19.7	2 - 9.85
MDBA 400/6000	236.22 {6000}	Standard	19.7	2 - 15.75
MDBA 630/6000	236.22 {6000}	Standard	19.7	7.09 - 24.81