

Technical Information

350 – Technical Specifications – mm (ins)

Table size (fixed)	810 x 660	(31 3/4 x 26)
Table size sliding (fixed half)	911 x 385	(35 3/4 x 15)
Table size sliding (moving half)	450 x 330	(17 3/4 x 12 3/4)
Moving half travel	451	(17 1/2)
Cutting height (max)	320	(12 1/2)
Cutting width (max)	345	(13 1/2)
Overall height	1705	(67)
Floor area (doors closed)	990 x 720	(39 x 28)
Floor to table	910	(35 3/4)
Blade length	2578	(101 1/2)
Blade width	13	(1/2)
Blade speed	27m/sec	(5300 ft/min)
Drive (standard)	1.5kW	(2HP) 1ph or 3ph brake
Electrical supply	200–575v/50–60Hz	
Approx nett weight	142kg	(313lbs)

400 – Technical Specifications – mm (ins)

Table size (fixed)	1056 x 892	(41 1/2 x 35)
Table size sliding (fixed half)	1056 x 409	(41 1/2 x 16)
Table size sliding (moving half)	636 x 409	(25 x 16)
Moving half travel	551	(21 3/4)
Cutting height (max)	410	(16 1/8)
Cutting width (max)	400	(15 3/4)
Overall height	1920	(75)
Floor area (doors closed)	1020 x 1155	(40 x 45 1/2)
Floor to table	926	(36 1/2)
Blade length	3150	(124)
Blade width	16	(5/8)
Blade speed	32m/sec	(6100 ft/min)
Drive (standard)	2.2kW	(3HP) 3ph brake
Drive (optional)	3kW	(4HP) 3ph brake
Electrical supply	200–575v/3ph/50–60Hz	
Approx nett weight	250kg	(551lbs)

600 – Technical Specifications – mm (ins)

Table size type 'A' (fixed)	1151 x 970	(45 x 38)
Table size type 'B' (fixed)	1151 x 1188	(45 x 47)
Table size type 'C' (fixed)	1151 x 1286	(45 x 51)
Table size (sliding)	1151 x 925	(45 x 36)
Table size (roller)	1154 x 1556	(45 x 61)
Cutting height	490	(19)
Cutting width	586	(23)
Overall height	2200	(87)
Floor Area (door closed)	1200 x 1380	(47 x 54)
Floor to table height	955	(37 1/2)
Blade length	4400	(173)
Blade width	19	(3/4)
Blade speed	30m/sec	(6000 ft/min)
Drive	7.5kW	(10HP) 3ph brake
Electrical supply	200–575v/3ph/50–60Hz	
Nett weight	700kg	(1543lbs)

900 – Technical Specifications – mm (ins)

Table size (fixed)	1502 x 1440	(59 x 561/2)
Table size (sliding)	1505 x 900	(59 x 35)
Table size (roller top)		
(Stainless steel rollers)	1644 x 1543	(63 3/4 x 60 3/4)
Cutting height (max)	457	(18)
Cutting width (max)	914	(36)
Overall height	2045	(80 1/2)
Floor area (doors closed)	2032 x 1554	(80 x 61 1/2)
Floor to table	933	(36 3/4)
Blade length	4461	(175 5/8)
Blade width	19	(3/4)
Blade speed	29m/sec	(5750ft/min)
Drive (standard)	(5.5 kW)	7.5 HP 3ph brake
Electrical supply	200–575v/3ph/50–60Hz	
Approx nett weight	575kg	(1267lbs)



High Speed Bandsaws

High speed, precision bandsaws for the food industry



Key Features and Benefits

- Dynamically balanced blade wheels give vibration free, precise operation for ultra-high yields
- High blade speeds results in cleaner cuts, low operator fatigue and increased productivity.
- Unique blade guidance and tensioning system allows the use of thinner saw blades thereby increasing yields.



RETURN ON INNOVATION

marel
food systems

aew delford
MAREL FOOD SYSTEMS

AEW Delford Systems are widely recognised as the leader in high speed, precision bandsaws for the food industry. With over 50 years experience, AEW Delford Systems bandsaws are found in quality food processing facilities world-wide. Most models are available in left and right hand construction, fitted with fixed, half-sliding, full-sliding or roller top tables. Innovative design ensures that our bandsaws can be easily integrated into conveyor and boning lines without sacrificing performance or reliability. Higher blade speeds and increased motor power mean that our machines can deliver improved cutting yields, accuracy, hygiene and operator safety.

EFFICIENT OPERATION

High blade speeds result in cleaner cuts without bone chips or splinters. Our blade guidance system and 'turn-to-stop' automatic blade tensioning allows the use of thinner saw blades producing higher cutting yields. Blade changes are faster, without the need for removal of table-tops or guides.

HEAVY DUTY CONSTRUCTION

Precision castings form the main frame of every AEW Delford Systems bandsaw. All doors, tables and structural components are made from heavy gauge, high quality stainless steels. Drive wheels are precision machined, nickel plated and balanced to ensure quiet, vibration free running on high quality bearings, and driven by powerful TEFC motors.

HYGIENE

Our unique main frame construction provides an easy to clean, flat plate frame. The top wheel, tensioner assembly, blade guides and scrapers are all easily removed and replaced in a matter of minutes.

ENHANCED SAFETY

Eye level controls, safety switches on top and bottom door guards, integral automatic drive motor brakes, and foot operated emergency stop switches increase safety, and low vibration levels significantly reduce operator fatigue.

350



For butchers' shops, supermarkets, high volume retail and general processing applications.

Features and Benefits

- Available with fixed or half sliding table.
- Powerful direct drive motor with flexible coupling for minimal maintenance.
- Easily visible eye level control with red 'power on' indicator.
- Available in left or right hand configuration.
- Fast action, precision controlled portion thickness plate with quick release mechanism.

400



For high volume meat and fish processors, larger retail and catering butchers where accurate portioning is required.

Features and Benefits

- Available with fixed, half sliding or full sliding table.
- Available in left or right hand configuration.
- Optional 'drop-in' table conversion quickly converts half sliding table to fixed table configuration.
- Easily visible eye level controls with illuminated 'power on' start button.
- Option of 2.2kW or 3kW drive gives increased choice of applications.
- Powerful direct drive motor with flexible coupling for minimal maintenance.
- Large sealed for life bearings for minimal maintenance.
- Fast action, precision controlled portion thickness plate with quick release mechanism.

600



For fast, high output primal cutting of lamb, pork, beef and veal carcasses.

Features and Benefits

- Available with choice of 3 fixed, full sliding or roller top tables.
- Available in left or right hand configuration.
- Easily visible eye level controls with red 'power on' indicator.
- Automatic Star delta starting.
- Foot operated 'emergency stop' switch.
- Taper roller bearings on drive wheels provide extremely long bearing life and simple maintenance.
- Lower drive shaft and bearing assembly is contained in a quick release cartridge for easy off line maintenance.

900



For precision, primal cutting of heavy beef and pork carcasses.

Features and Benefits

- Available with fixed, full sliding or roller top tables.
- Available in left or right hand configurations.
- Easily visible eye level operator controls with red 'power on' indicator and green 'running' indicators.
- Lower drive shaft and bearing assembly is contained in a quick release cartridge for easy off line maintenance.
- Foot operated 'emergency stop' switch.
- Automatic Star Delta starting.
- Modular construction allows easy incorporation into conveyors systems.

