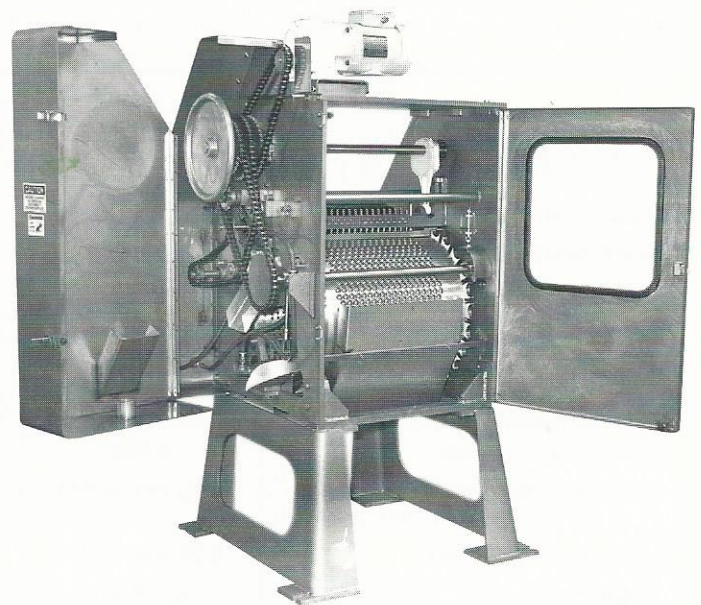




DUNKLEY
International, Inc.

DUNKLEY Cherry Pitter

OVER 100 YEARS OF SERVICE
SINCE 1885



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DUNKLEY
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CHERRY PITTER (STONER)

A cherry pit (stone) removal machine yielding one-half (453.6 Kilograms) to one ton (907.2 Kilograms) of cherries per hour — that's the kind of performance you get from the **DUNKLEY** fresh-fruit and brine **CHERRY PITTER**. For over 60 years the Dunkley pitter has been the acknowledged leader in its field.

Working at a speed of 96 strokes per minute, pitting a maximum of 53 cherries every stroke, the Dunkley pitter is unmatched wherever efficient and economic operation is required.

These machines are standard equipment in large volume cherry processing operations, with output geared to the number of pitters in the production line.

The key to the long success of this pitter can be summed up as not only the ease with which adjustment and maintenance can be performed, but also the construction of the pocketed cylinder from an aluminum alloy and the ingenious design of the stainless steel pitting needles.

OPERATION: Cherries are fed into the hopper from a water flume transporting system or conveyor belt. The vibrating action of the hopper and the finely-adjusted hopper brush produce a good fill of the cylinder pockets with only one cherry to each pocket. The pitted (stoned)

cherries fall onto a conveyor belt for transport to the packaging operation.

The pits are flushed out of the pit tube by a stream of water.

The machines will handle tart, brine and sweet cherries. Different cylinder pocket sizes and needle diameters are designed to meet your requirements. The cylinder pocket sizes range from 3/4" (19mm) to 1-3/16" (30mm). The standard pocket size for tart cherries is 15/16" (24mm) and 1-1/16" (27mm). See the General Specifications chart below for the standard sweet and brined cherry pocket sizes.

NOTE: Cylinder pocket size and pitter style selection is based on the type and diameter of cherries to be handled.

The Dunkley pitter is one of the most durable pitters made. Thanks to the simplicity of design and rugged construction, it can be depended upon to carry its share of the load. With proper maintenance and adjustment, it will have minimal downtime, and expel pits cleanly and free of particles.

In most cherry plants, several of these machines are handled by one operator whose main job is to see that the hopper feed for each machine is maintained properly. In some plant designs this task may be eliminated (See our Fresh Cherry Processing Plant Line Layout).

GENERAL SPECIFICATIONS

	Style E	Style W	Style D	Style M
Height overall	1.88 m (74")	1.88 m (74")	1.88 m (74")	1.88 m (74")
Width overall	1.16 m (45-1/2")	1.16 m (45-1/2")	1.16 m (45-1/2")	1.16 m (45-1/2")
Depth overall	1.01 m (39-3/4")	1.01 m (39-3/4")	1.01 m (39-3/4")	1.01 m (39-3/4")
Height-intake hopper	1.24 m (49")	1.24 m (49")	1.24 m (49")	1.24 m (49")
Strokes per minute	96	96	96	96
Cherries per stroke	53	38	26	53
Cherries per minute	5,088	3,648	2,496	5,088
Standard pitting needle diameter	9.53 mm (3/8")	9.53 mm (3/8")	9.53 mm (3/8") 7.95 mm (5/16")	7.95 mm (5/16")
Water line to pit tube	6.35 mm (1/4")	6.35 mm (1/4")	6.35 mm (1/4")	6.35 mm (1/4")
Capacity per hour	907 Kilos. (1 Ton)	680 Kilos. (3/4 Ton)	454 Kilos. (1/2 Ton)	907 Kilos. (1 Ton)
Motor	1 HP	1 HP	1 HP	1 HP
Approximate shipping weight	680 Kilos. (1,500 lbs.)	680 Kilos. (1,500 lbs.)	680 Kilos. (1,500 lbs.)	680 Kilos. (1,500 lbs.)
Product	Fresh Tart Cherries	Fresh Tart Cherries Fresh Sweet Cherries	Fresh Sweet Cherries Brined Cherries	Brined Cherries
Cylinder pocket/cup diameter	24 mm (15/16")	27 mm (1-1/16")	*	24 mm (15/16")
Approximate cherry diameter range	12.7 mm (1/2") to 20.7 mm (13/16")	12.7 mm (1/2") to 25.4 mm (1")	**	12.7 mm (1/2") to 20.7 mm (13/16")

	Cup Number	*Cup Diameter	**Cherry Size
Standard rubber cups for "D" Style Pitter	MP-20	19 mm (3/4")	12.7 mm (1/2") to 17 mm (11/16")
	MP-20-1/2	22 mm (7/8")	17 mm (11/16") to 20 mm (3/4")
	MP-21	24 mm (15/16")	20 mm (3/4") to 22 mm (7/8")
	MP-22	27 mm (1-1/16")	22 mm (7/8") to 24 mm (15/16")
	MP-23	30 mm (1-3/16")	24 mm (15/16") to 28.5 mm (1-1/8")

