

Pluckers are designed to remove feathers from birds. After proper scalding of the birds, the follicles are loosened which makes it possible to remove the feathers without damaging the skin of the birds. The removal is made by special rubber plucking fingers mounted on counter rotating discs on each side of the machine. The rotating directions are selected so that the birds stays in the shackle and proper plucking is made with minimum displacement of the bird.



Available plucker types:

- **First Plucker:** It is the first machine in the plucking line that aims to remove 70-80% of the feathers.
- **Mid plucker:** Mid pluckers follow first pluckers and are designed to remove finer feathers that cannot be removed in the first plucker.
- **Finisher:** Finisher pluckers are located last in the line. Their adjustable banks ensure removal of the finest feathers in areas that are difficult to reach. Optionally a bottom bank can be included to remove the feathers in the neck area.

		First Plucker		Mid Plucker		Finisher	
		1,000 bph	2,000 bph	1,000 bph	2,000 bph	1,000 bph	2,000 bph
Number of plucking discs per row	pcs	10	20	8	16	10	20
Number of plucking fingers per disc	pcs	6	6	10	10	8	8
Number of rows per bank	pcs	3	3	2	2	1	1
Number of adjustable banks	pcs	2	2	2	2	5	5
Number of total plucking fingers	pcs	360	720	320	640	400	800
Length (L)	mm	2,385	4,370	2,287	4,174	2,287	4,174
Effective plucking length (LE)	mm	1,985	3,970	1,887	3,774	1,887	3,774
Width (W)	mm	2,260	2,260	2,260	2,260	2,260	2,260
Height (H)	mm	2,401	2,401	2,401	2,401	2,401	2,401
Water consumption	lt/bird	0.3	0.3	0.3	0.3	0.3	0.3
Electrical power installed	kW	6 x 2.2	12 x 2.2	6 x 2.2	12 x 2.2	7 x 2.2	14 x 2.2