

Weavebird v2

16, 24 & 32 shafts, 27" 36" 45" 60" & 72"

Weavebird is a centre closed dobby shedding mechanism. There are no jacks, no lams, no tie ups, no limitations on shaft combinations http://www.leclerclooms.com/cat_leus/US27_28.pdf and no limitations of pattern repeats.

Two treadles, hinged from the back of the loom, operate the shedding mechanism. Weavebird controls the rising and sinking shed so the tension on the warp threads is always uniformly even. Because part of the warp threads rise while the balance sink, the yarn stretch is minimized. The loom has 2 treadles. The right treadle opens the shed and the left treadle closes it. Due to Leclerc's unique Shaft counter-weight design, physical stress to operate it is minimized.

The treading effort to operate those Loom is similar to operating a 4 shaft counterbalance loom.



SPECIFICATIONS & DIMENSIONS:

| Weaving width | 27" (68 cm) | | 36" (90 cm) | | | 45" (115 cm) | | | 60" (150 cm) | | |
|-------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | 16s | 24s | 16s | 24s | 32s | 16s | 24s | 32s | 16s | 24s | 32s |
| Number of heddles | 1000 | 1500 | 1500 | 2000 | 2500 | 2000 | 2500 | 3000 | 2500 | 3000 | 3500 |
| Loom width | 44" 111 cm | | 50½" - 128 cm | | | 59½" - 151 cm | | | 74½" - 189 cm | | |
| Loom depth | 61" 155 cm | 66" 168 cm | 61" 155 cm | 66" 168 cm | 71" 180 cm | 61" 155 cm | 66" 168 cm | 71" 180 cm | 61" 155 cm | 66" 168 cm | 71" 180 cm |
| Loom height | 68" - 173 cm | | | | | | | | | | |
| Front height | 34½" - 87 cm | | | | | | | | | | |
| Net weight (app.) | 200 lbs 91 kg | 240 lbs 109 kg | 240 lbs 109 kg | 280 lbs 127 kg | 310 lbs 140 kg | 280 lbs 127 kg | 330 lbs 150 kg | 360 lbs 163 kg | 320 lbs 145 kg | 385 lbs 175 kg | 410 lbs 185 kg |

The shipping charge is exceptionally not included in the Weavebird prices.

| WEAVEBIRD 16, 24 or 32s COMPUTER DOBBY WITH INTERFACE BOX | | | | | |
|---|-------------------------|--------------------------|---------------------------|--------------------------|--------------------------|
| | 27" | 36" | 45" | 60" | 72" |
| 16s loom | 1016-2700 \$9 384.00 | 1016-3600 \$9 384.00 | 1016-4500 \$9 685.00 | 1016-6000 \$10 608.00 | 1016-7200 \$13 994.00 |
| 24s loom | | 1024-3600 \$11 791.00 | 1024-4500 \$12 240.00 | 1024-6000 \$13 362.00 | |
| 32s loom | | 1032-3600 \$14 186.00 | 1032-4500 \$14 856.00 | 1032-6000 \$15 790.00 | |
| | | | Overhead Beater 6395-9000 | \$310.00 | |

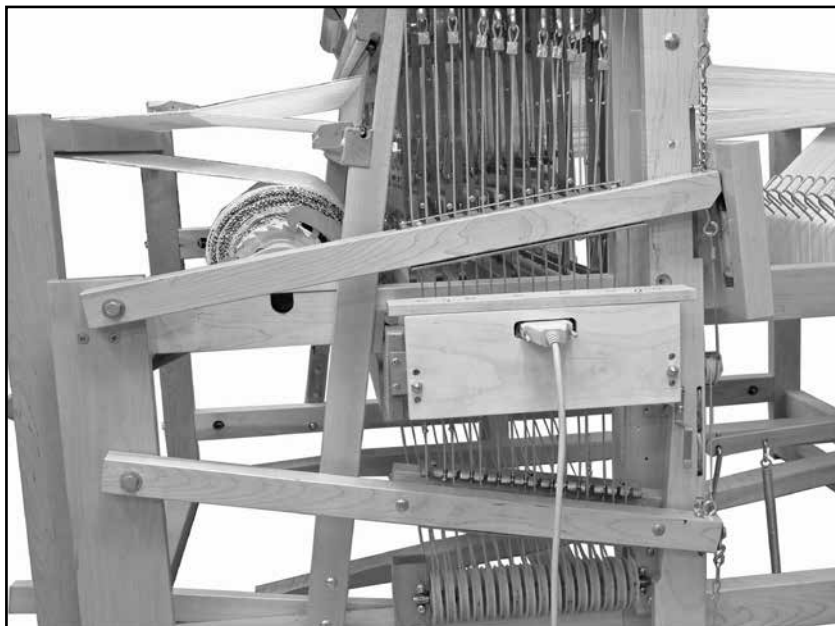


“WEAVEBIRD” 27", 36", 45" or 60" 16, 24 or 32S

STANDARD EQUIPMENT

» Interface Box

- » 1 Stainless Steel Reed 6, 8, 10 or 12 dents per inch
- » Inserted Eye Heddles 12½" or Texsolv
- » 1 End Feed Shuttle 6122-8000
- » 12 Pirns 6¼" 6133-6000
- » 1 Reed & Heddles Hooks 10 5/8" long 6140-1000
- » 2 Wood lease sticks
- » 4 Warp rods
- » Book: "Warp & Weave"
- » Assembly Instruction and Video
- » Aprons
- » 2 Years Warranty on all parts including the Interface box and Solenoids
- » Do not include any software and driver



OPTIONS:

| Weaving width | 36" 90 cm | 45" 115 cm | 60" 150 cm |
|---------------------------------|---------------------|---------------------|---------------------|
| Bench with open ends | 6384-4000 \$719.00 | | |
| Sectional warp beam 1" sections | 6441-4000 \$299.00 | 6441-5000 \$362.00 | 6441-6000 \$462.00 |
| Sectional warp beam 2" sections | 6442-4000 \$253.00 | 6442-5000 \$280.00 | 6442-6000 \$369.00 |
| Double back beam | 6432-3000 \$648.00 | 6432-4000 \$741.00 | 6430-6000 \$859.00 |
| Flying shuttle beater | 6471-4000 \$1320.00 | 6471-5000 \$1320.00 | 6471-6000 \$1430.00 |

