

THE **CARY** LOOM VAC/BLOW-OFF SYSTEM FOR DORNIER LOOMS

The **CARY** System utilizes the vacuum and exhaust air of a 1 HP regenerative blower to concentrate vacuum and exhaust air to specific areas of the loom that cause problems when lint and fly accumulate.

The four (4) nozzles used are:

1. Elitex Guide Blow-Off Nozzle to prevent build-up of lint in the eyelets.
2. Selector Finger Suction Nozzle collects fly generated by fill yarn passing through finger guides.
3. Rapier Opening Area Blow-Off Nozzle blows air into this area and helps prevent rapier problems, as well as migration of fly to the fabric.
4. Right Hand Side Tail Suction Nozzle removes lint, but also controls tails with suction tension and prevents loop-backs of the tail.

The following photos illustrate the nozzles and their location.

PHOTO 1

Dornier Loom Right Hand Side
Tail Suction

Left Hand Side Rapier Opening
Area Blow-Off

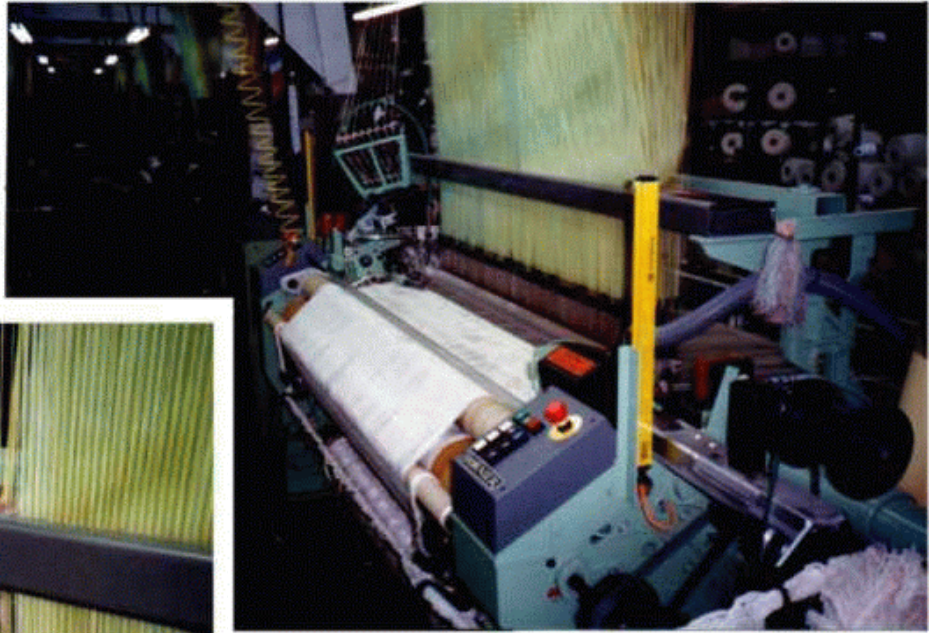


PHOTO 2

Left Hand Side Rapier Opening Area Blow-Off

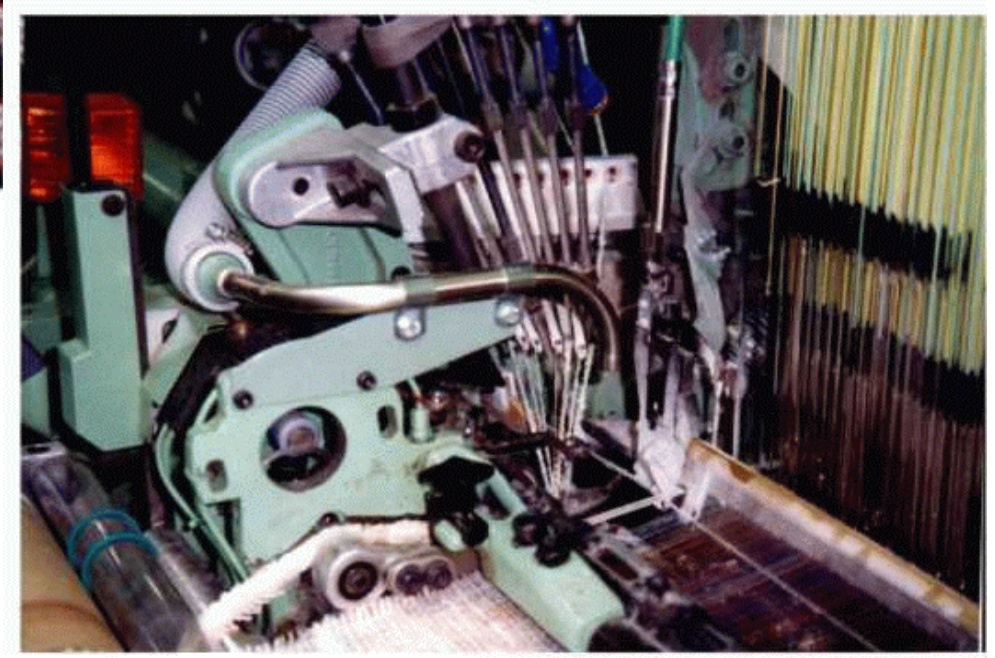


PHOTO 3

Left Hand Side Rapier Opening
Area Blow-Off

Left Hand Side Selector
Suction Nozzle

PHOTO 4

Left Hand Side Eltex Guide Blow-Off
Left Hand Side Selector Suction Nozzle

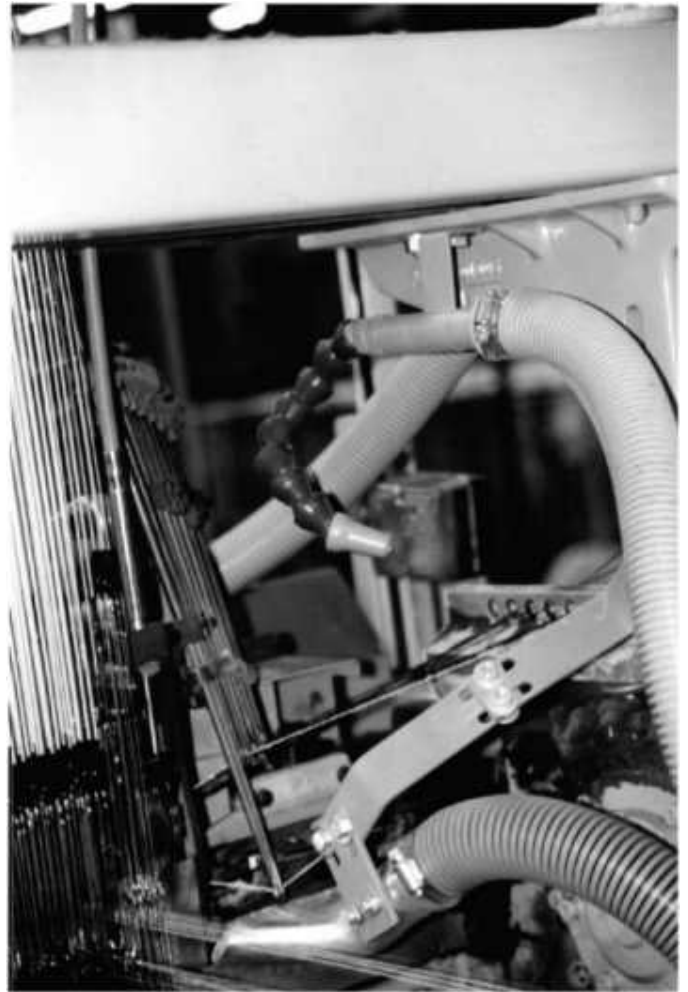


PHOTO 5 & 6

15 Gallon Vacuum Receiver with 1 HP
Vacuum Pump



PHOTO 7

Dornier Loom Right Hand Side
Tail Suction Nozzle

Left Hand Side Rapier Opening
Area Blow-Off

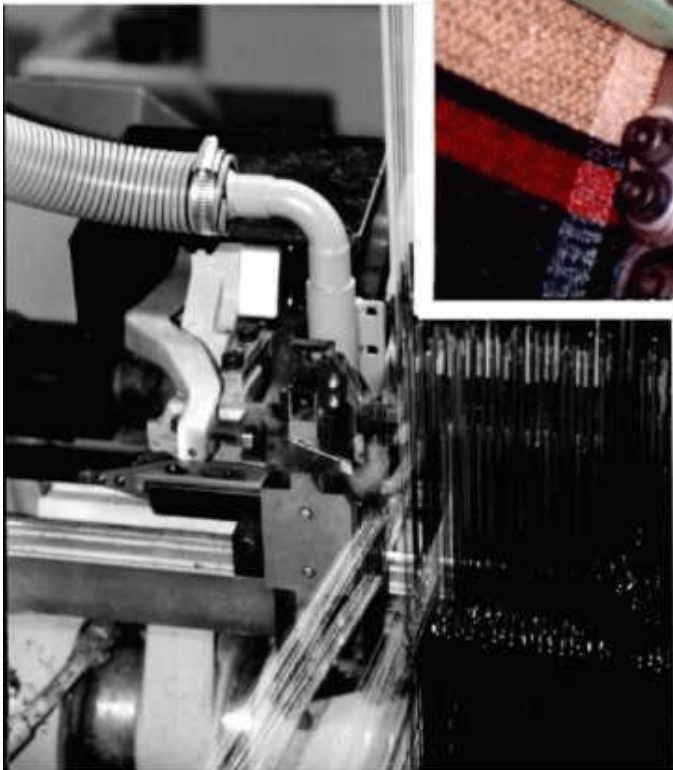
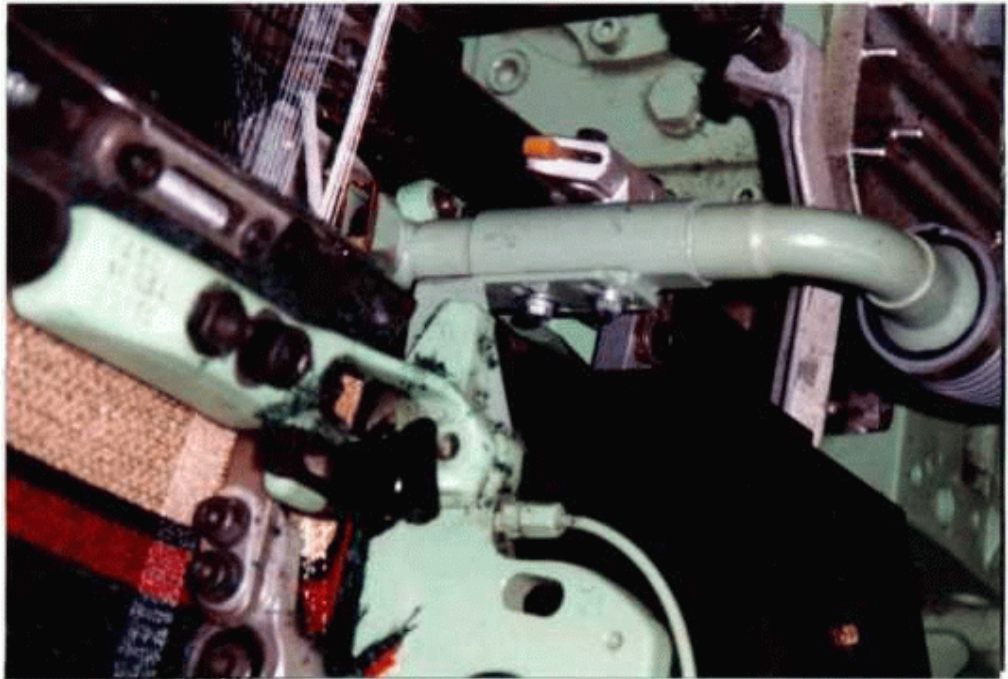
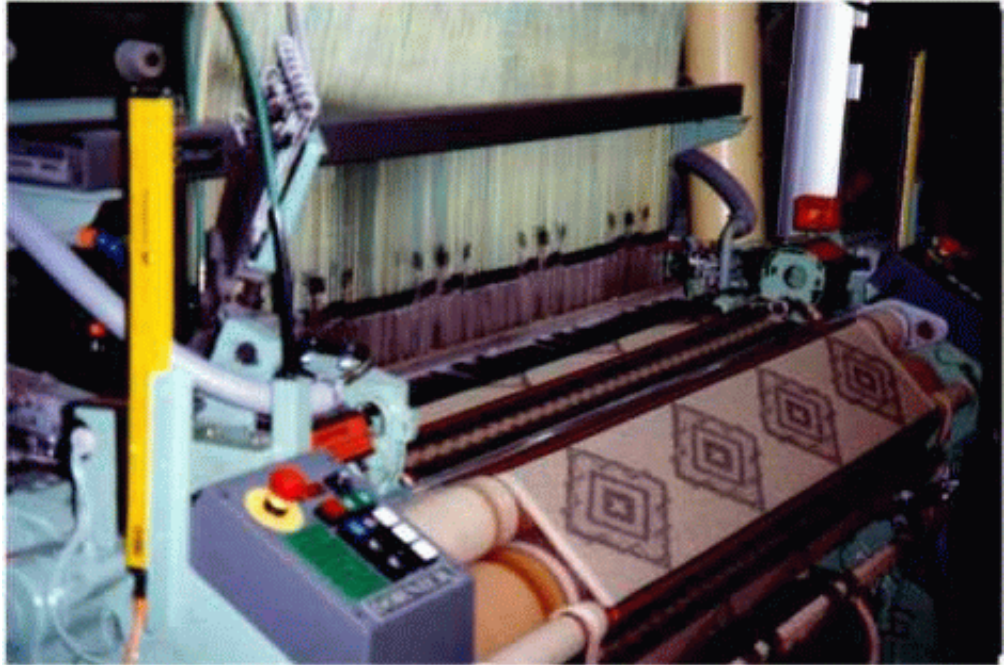


PHOTO 8 & 9

Right Hand Side Tail Suction Nozzle