

BASIS OF WEAVING TECHNOLOGIES

- ▶ **FABRIC IS WOVEN BY INTERLACING WARP AND WEFT THREADS**
- ▶ **WARP SHED IS CREATED FOR INSERTING WEFT THREAD WITH ATTACHMENT OF CAM /DOBBY / JACQUARD**

TYPES OF WEAVING TECHNOLOGIES

▶ TECHNOLOGY DEPENDS ON THE WEFT INSERTION

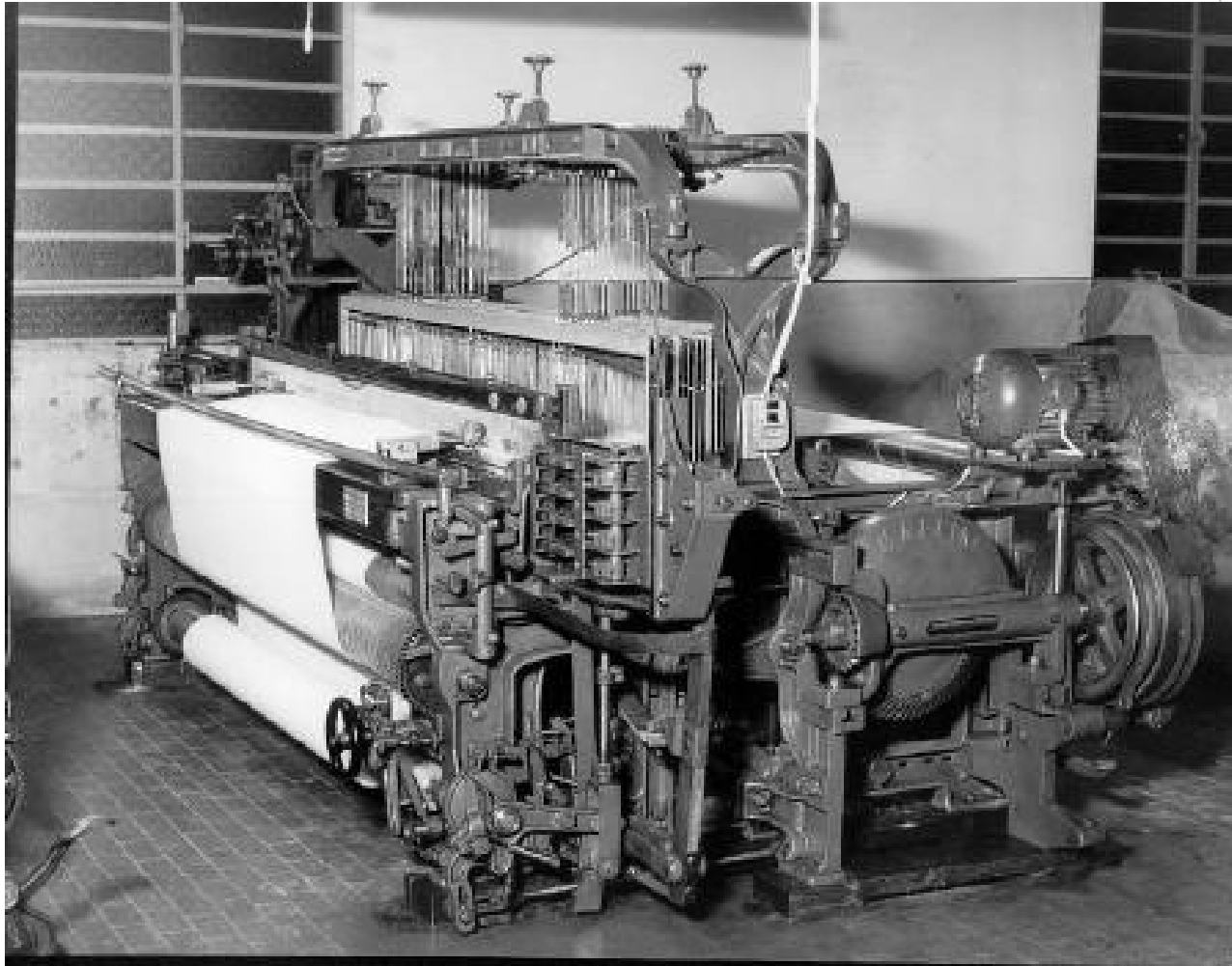
METHOD:

- ▶ SHUTTLE LOOM
- ▶ AIR JET LOOM
- ▶ WATER JET LOOM
- ▶ PROJECTILE LOOM
- ▶ RAPIER LOOM

SHUTTLE LOOM

THE WEFT IS INSERTED
WITH WOODEN SHUTTLE

SHUTTLE LOOM



SHUTTLE



AIR JET LOOMS

THE WEFT IS TRANSFERRED BY
AIR FROM ONE END TO OTHER END

AIR JET LOOM



WATER JET LOOMS

THE WEFT IS CARRIED BY WATER
JET THROUGH WARP SHED

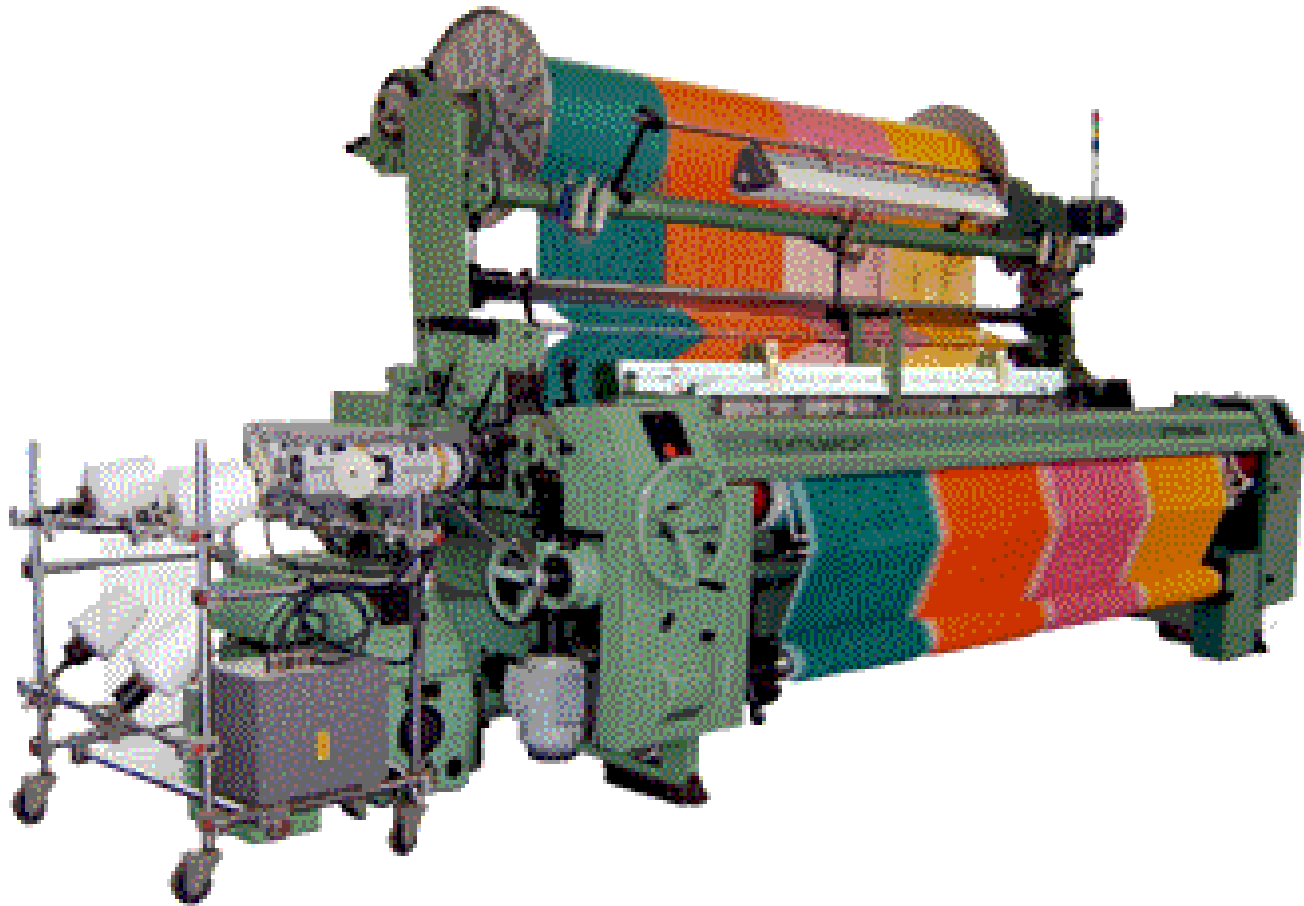
WATER JET LOOM



PROJECTILE LOOMS

THE WEFT IS TRANSFERRED FROM ONE
PROJECTILE TO SET OF PROJECTILES AS
PER THE WIDTH OF THE LOOM

PROJECTILE LOOM



RAPIER LOOMS

THE WEFT THREAD IS CARRIED BY RAPIER AND
TRANSFERRED TO OTHER RAPIER FOR
COMPLETION OF WEFT INSERTION

RAPIER LOOM





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