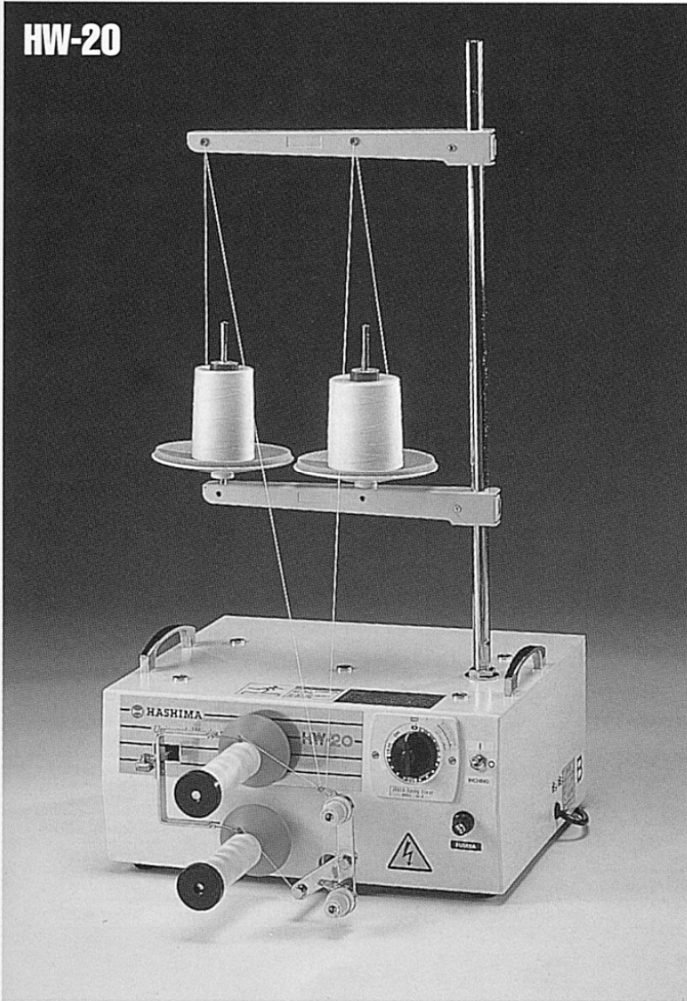


# UNIVERSAL WINDER

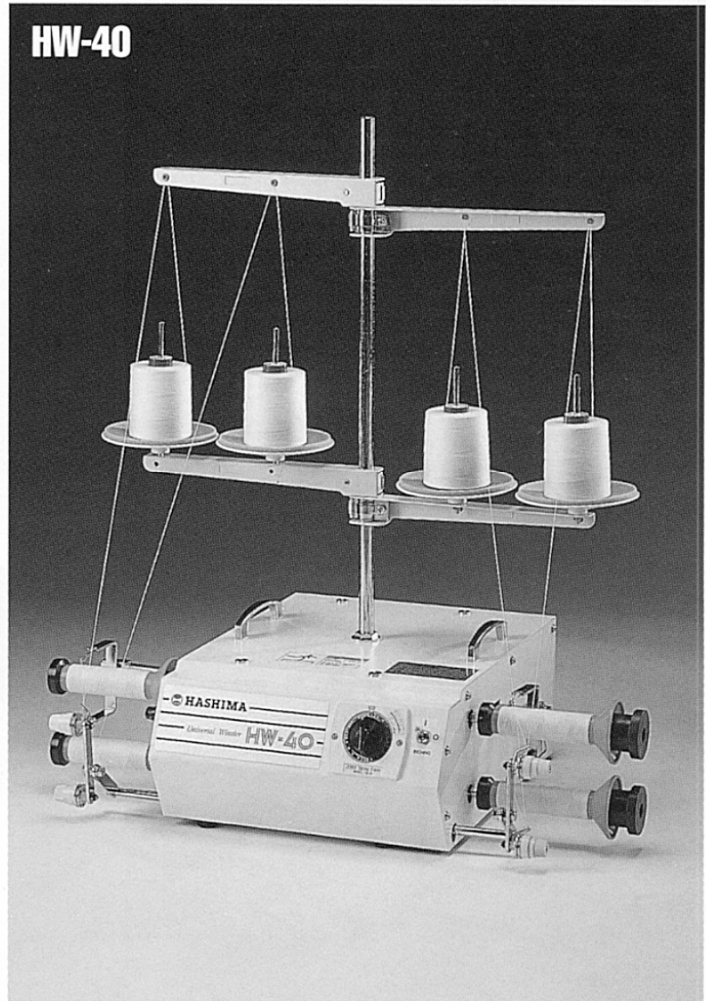
## HW-20

## HW-40

HW-20



HW-40



### FEATURES

- All kinds of threads (for embroidery, decorative sewing and quilting machine) can be wound on each bobbin with and without brim.
- Specially designed motor and constructions keep the least noise.
- Easy adjustment of the winding volume of thread by the timer.
- Suitable for the spools and the bobbins both with and without brim.
- The intermittent movement switch allows simple winding start setting.
- Compactly designed this machine is easy to carry.
- High-speed four bobbins winding assures the prompt convention of a large volume of thread to bobbins. (HW-40)

### SPECIFICATIONS

MODEL	HW-20	HW-40
POWER SUPPLY	single phase	
MOTOR	80W	
TIMER	15min	
DIMENSIONSmm	(L)480×(W)380×(H)770	(L)600×(W)490×(H)950
TRAVERSE	97mm(STANDARD TYPE)	
	2.5inch(AMERICAN TYPE)	
WEIGHT	19.5kg	25kg

MODEL	WITH BRIM	WITHOUT BRIM	TRAVERSE			
			100mm	97mm	85mm	63mm (2.5inch.)
HW-20	○	○		○	△	△
HW-40	○	○		○	△	△