

**BEST  
CHOICE**

	ACE Rapier	Other Rapier	USED Rapier
RPM (Machine)	200	200	300
Power Connected (KWh)	1 kW	1.5 kW	3 kW
Power (approx. Rs./1000 Picks)	Rs. 0.46	Rs. 0.69	Rs. 0.92
Lowest Power Per Mtr	Yes	No	No
Lowest Maintenance	Yes	No	No
Service Team (in-house 30+ Technicians)	Yes	No	No
Fast Response (Factory & Service Center)	Yes	No	No
Erection & Commissioning (by Certified / Trained Technicians)	Yes	No	No
Service & Support	After 1 yr	Yes	Maybe
	After 5 yrs	Yes	No
	After 10 yrs	Yes	No
Life of Machine (15-20 yrs Designed)	Yes	Depends on Sales Agent Price	Depends on Condition
Good Resale Value	Yes	No	Maybe

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Difference between  
No. 1 and Others

Reasons that make

# Weavetech's ACE Rapier Looms

a better-value investment

Points	Special Features	ACE	Others	ACE Advantage
1	Korean Design (balance Beat-up)	✓	✗	Less Power, Less Vibration, No Start-Mark
2	Brake Motor (no Clutch)	✓	✗	Zero Power Wastage during loom stoppages, No wear-n-tear of Clutch & Zero maintenance for Clutch or spares while saving power
3	Solid Crankshaft (single Piece)	✓	✗	No Breakage or Bearing Failure, No Weak / Welded joints, Uniform Beatup over entire width for years.
4	Sliding Head Rapier Design	✓	✗	Continuous Support for Gripper, Smooth Working gives less maintenance, No need for Gripper spares.
5	Gripper Tip (Carbide)	✓	✗	No wear-n-tear of Gripper, Easy handling of Delicate yarns like Mono, Silk, Bemberg, Viscoce etc. No need for spares.
6	Carbide Cutter (CAM Drive)	✓	✗	CAM Drive makes cutting Smooth & gives Long life Sharpness, Cuts any material, Re-grindable & hence, low maintenance Cost.
7	7-wheel Take-up System	✓	✗	Quick Pick Change, Exact Picking, No 'aatri + dhagli' because of Worm Gear, Zero wear-n-tear of worm gears, No need for Spares.
8	3-emery Cloth Roll System	✓	✗	Zero slippage of Fabric Roll during delicate yarns, Perfect Fabric tensioning for best quality fabric, Perfectly maintained pick Density even in very light fabrics.
9	Optical Warp Overtension Switch	✓	✗	Instant & accurate stoppage of loom to prevent warp over tension & maintain good quality of Fabric. Zero Maintenance since it is Optical sensor.
10	Leno - Individual Bobbins	✓	✗	Zero Yarn wastage during Leno Breakages, Faster Setups, Cost Saving as no preparation required. Only change bobbins when required.
11	Centralised Lubrication	✓	!	Lubrication at all important points for maintenance free operation.
12	Bearings (all High-load)	✓	!	More Bearings = Less Power Consumption. Hi-Load Bearings help absorb Heavy Loads at higher speeds, for maintenance free working.
	Emery Rolls Bearings	2	0	
	Crank Shaft Bearings	4	2	
	Bottom Shaft Bearings	3	2	
	Rocking Shaft Bearings	3	0	
	Working Rod Bearings	4	0	
	Connecting Rod Bearings	8	0	
	Cutter System Bearings	3	0	
	Tappet Lever Bearings	4	0	
13	Pre-Assembled & Tested in factory	✓	✗	Pre-Assembled at factory for best accuracy. Save time at customer site.
<b>OPTIONS</b>				
14	Ruti-B Let-off & Auto Compensation	✓	✗	Most versatile let-off to run spun, filament, silk & any light to heavy fabrics. Auto-compensation keeps warp tension constant for better fabric quality.
15	USB Port For Design Transfer	✓	✗	Error-free loading of Weft design on all looms without possibility of mistake or changes by operator. Ensures correct design on all looms
16	Catch Cord System	✓	✗	Enables Weaving of High-Twist Weft Yarns & avoids snapping on selvages.
17	Blower Electrical	✓	✗	Highly recommended for Spun Yarn users to avoid accumulation of fluff on Grippers & get higher efficiency in weaving Spun Yarns.