

AUTOMATIC WIDE BELT SANDER

*Proven technology for your
sanding requirements.*



CE

52RK

When jobs call for efficiency, accuracy and smooth sanding, Holytek's new series of wide belt sanders are the perfect solution. These machines are designed and manufactured to deliver superior sanding performance, create an extremely fine finish, while also encompassing a comprehensive range of safety guards for the machine and operator.

HOLYTEK

HOLYTEK

Heavy-duty Models

Solidly constructed throughout for continuous heavy sanding.



OUTSTANDING STANDARD FEATURES:

RUGGED CONSTRUCTION

The heavy-duty steel main frame has reinforced steel ribs to minimize vibration, providing a stable, deflection-free platform for the working groups.

ELECTRONIC BELT OSCILLATION

Reduces the use of expensive compressed air. The oscillation action emits minimal noise. The automatic cleaning function of the diodes ensures lasting reliability.

VARIABLE FEED SPEED

The most compatible combination of finish and production speeds. can be achieved on any material.

POWERFUL MOTORS

A well mounted heavy-duty motor is standard equipment for each sanding group.

CONVENIENT CONTROLS

The large, color coded buttons are clearly identifiable, for easy set-up and start up. Amp meters for each motor are mounted together above the main control console to allow the operator to monitor the load on each sanding head.

SAFETY

The trip bar at the in-feed section and the large emergency stop buttons ensure immediate machine shutdown in an emergency.

HEAVY-DUTY WORKING GROUPS

Precision designed and balanced, the heavy-duty sanding heads deliver a vibration-free sanding operation. The spring-loaded hold-down rollers secure the work firmly as it passes under the sanding heads.

CONVENIENT BELT CHANGING

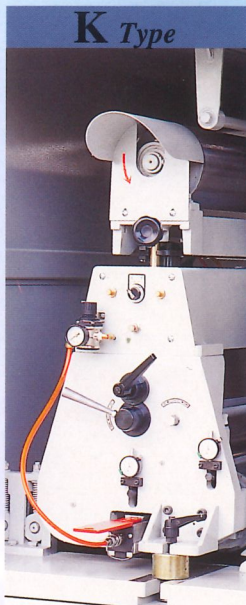
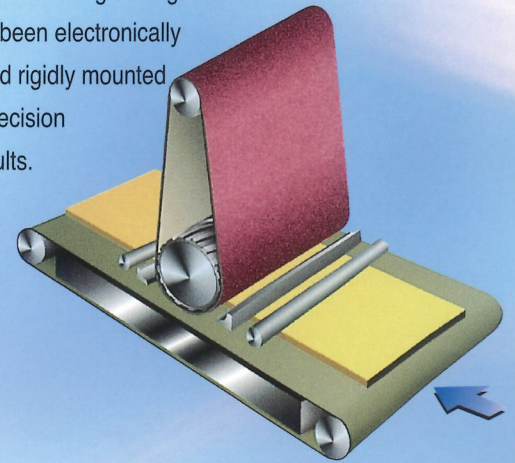
Clear access, a quick tension release function and guide shoes make belt changing operations quick and easy.



"R" TYPE SINGLE CONTACT ROLLER

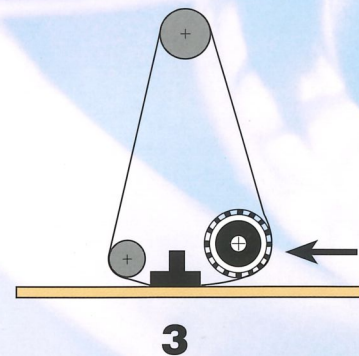
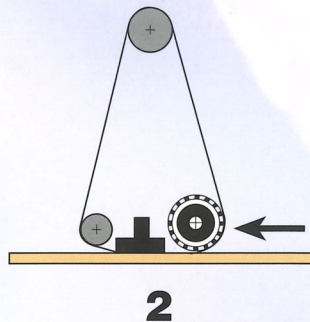
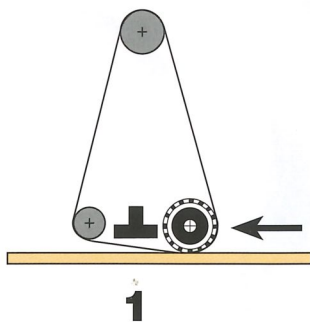
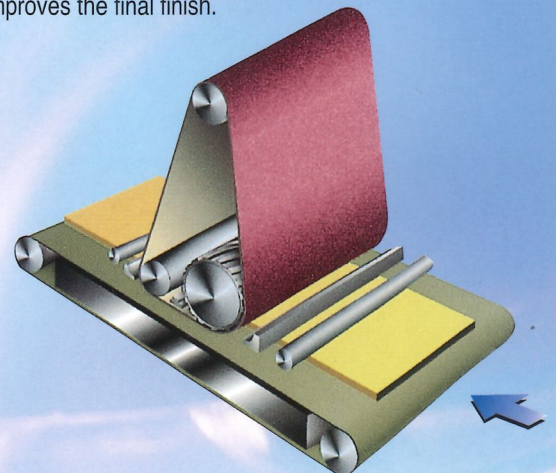
For fast stock removal from calibrating with 36 to 50 grit, to intermediate finishing with 120 to 150 grit belts.

The large 250 mm diameter roller is rubber coated with helicoidal grooving. The rollers have been electronically balanced and rigidly mounted to ensure precision sanding results.



"K" TYPE COMBINATION ROLLER AND PLATEN

The 160 mm diameter contact roller precedes a flat platen in the single belt head. The platen produces a longer scratch pattern which improves the final finish.



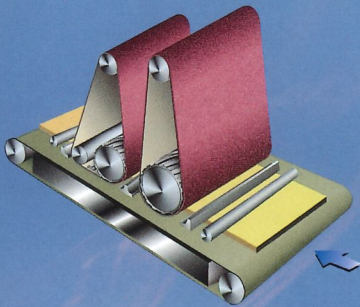
A choice of three operating modes ensures maximum versatility.

1. Platen up - the sander functions as a contact roller sander only when calibrated with 36 to 100 grit belts.
2. Roller and platen both down - intermediate and final finishing in one pass with 100 to 180 grit belts.
3. Platen down - final finish with 220 to 320 grit belts or lacquer sanding with 400 to 600 grit belts.

RK Type



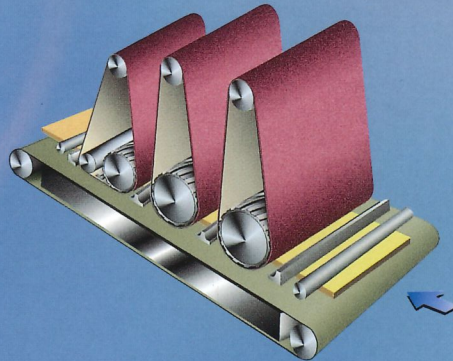
"RK" Type contact roller head followed by a combination of roller and platen head. Calibration and intermediate sanding, or intermediate and finish sanding in one pass.



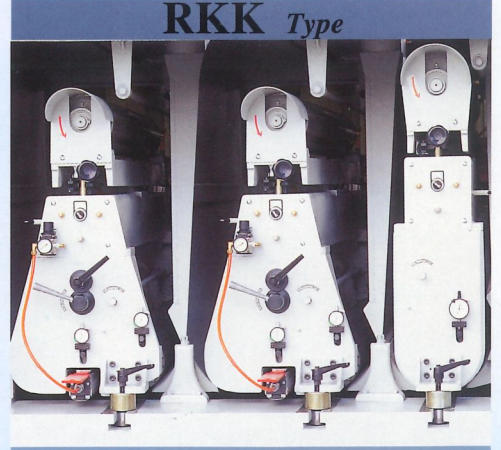
RRK Type



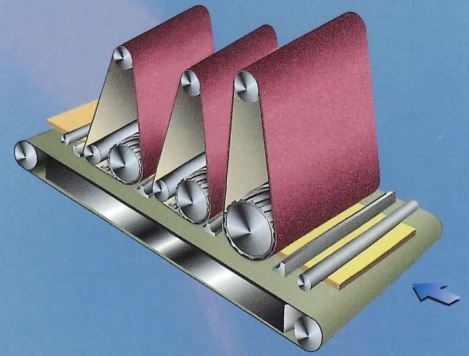
"RRK" Type two contact roller heads followed by a combination of roller and platen head. Heavy calibration, intermediate sanding and fine finishing through three grit sizes in one pass. Reverse rotation selection on the second roller head increases the sanding smoothness on some materials. The ideal head configuration for panels, plywood and solid doors.



RKK Type



"RKK" Type roller head followed by two combination heads. This combination is most appropriate when the emphasis is more on fine finish sanding and less on calibrating.



AIR PAD (OPTIONAL)

Allows the pad pressure to be instantly re-set for different materials. Hard for solid wood through to light pressure for fine finishing at higher feed speeds. No more time consuming pad changing. Eliminates unwanted curves on workpiece edges. Ideal for sanding veneer.

AUTO. ANTI-DUBBING SYSTEM FOR PAD (OPTIONAL)

As the workpiece is placed in position, the sanding belt will automatically lower. When the workpiece has passed through, the sanding belt will automatically raise. This function ensures workpiece edges are not unnecessarily sanded. Ideal for sanding veneer.



SANDING BELT QUICK CHANGE DEVICE

The sanding belt is changed quickly for saving time and for convenience. Air pad optional.



INSUFFICIENT PRESSURE PROTECTION

In case insufficient working air pressure occurs, the machine brakes automatically for guarding safety.

SPECIFICATIONS:

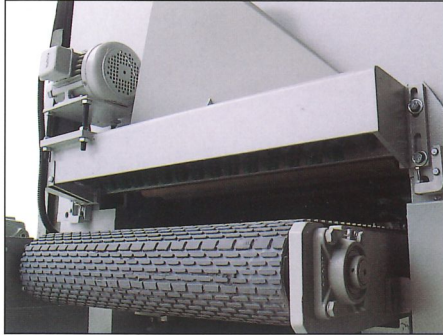
MODEL	25R	25K	37R	37K	25RK	37RK
Working width mm (inch)	609 (24")	609 (24")	914 (36")	914 (36")	609 (24")	914 (36")
Working height mm (inch)	127 (5")	127 (5")	127 (5")	127 (5")	127 (5")	127 (5")
Main motor standard HP	15	10	20	15	15, 10	20, 15
Maximum HP	20	20	20	20	20, 15	30, 20
Feed motor HP (KW)	2 (1.49)	2 (1.49)	2 (1.49)	2 (1.49)	2 (1.49)	3 (2.24)
Power rise and fail HP	1/2	1/2	1/2	1/2	1/2	1/2
Feed speeds (Variable) m/min (ft/min)	6-26 (19-85)	6-26 (19-85)	6-26 (19-85)	6-26 (19-85)	6-26 (19-85)	6-26 (19-85)
Standing belt dimension mm (inch)	635 x 1905 (25" x 75")	635 x 1905 (25" x 75")	939 x 1905 (37" x 75")	939 x 1905 (37" x 75")	635 x 1905 (25" x 75")	939 x 1905 (37" x 75")
Compressed air required at 5 atmos (CFM)	6	6	6	6	7	7
Exhaust volume requirement M ³ /Hr (CFM)	1030 (600)	1030 (600)	1720 (1000)	1720 (1000)	2064 (1200)	3500 (2000)
N.W. Kgs	1200	1200	1440	1440	2000	3200
G.W. Kgs	1500	1500	1850	1850	2450	3650
Dimensions: Length mm (inch)	1117 (44")	1117 (44")	1422 (56")	1422 (56")	1930 (76")	2006 (79")
Dimensions: Width mm (inch)	1422 (56")	1422 (56")	1524 (60")	1524 (60")	1701 (67")	1905 (75")
Dimensions: Height mm (inch)	2057 (81")	2057 (81")	2057 (81")	2057 (81")	2057 (81")	2057 (81")
Packing size cm	165 x 150 x 216	165 x 150 x 216	173 x 157 x 221	173 x 157 x 221	208 x 185 x 213	218 x 216 x 216

MODEL	43R	43K	52R	52K	43RK	52RK	43RRK	52RRK	43RKK	52RKK
Working width mm (inch)	1067 (42")	1067 (42")	1270 (50")	1270 (50")	1067 (42")	1270 (50")	1067 (42")	1270 (50")	1067 (42")	1270 (50")
Working height mm (inch)	127 (5")	127 (5")	127 (5")	127 (5")	127 (5")	127 (5")	127 (5")	127 (5")	127 (5")	127 (5")
Main motor standard HP (max.)	30 (40)	20 (30)	30 (50)	20 (30)	30, 20 (40, 25)	30, 20 (50, 30)	40, 30, 20	40, 30, 20	40, 30, 20	40, 30, 20
Feed motor HP (KW)	3	3	3	3	3	5	5	7 1/2	5	7 1/2
Power rise and fail HP	1/2	1/2	1/2	1/2	1/2	1	1	1	1	1
Feed speeds (Variable) m/min	6-26	6-26	6-26	6-26	6-26	6-26	6-26	6-26	6-26	6-26
Standing belt dimension mm (inch)	1092 x 2134 (43" x 84")	1092 x 2134 (43" x 84")	1320 x 2134 (52" x 84")	1320 x 2134 (52" x 84")	1092 x 2134 (43" x 84")	1320 x 2134 (52" x 84")	1092 x 2134 (43" x 84")	1320 x 2134 (52" x 84")	1092 x 2134 (43" x 84")	1320 x 2134 (52" x 84")
Compressed air required at 5 atmos (CFM)	6	6	7	7	7	7	7	7	7	7
Exhaust volume requirement M ³ /Hr (CFM)	2600 (1500)	2600 (1500)	3500 (2000)	3500 (2000)	5180 (3000)	6860 (4000)	7760 (4485)	9870 (5600)	7760 (4485)	9870 (5600)
N.W. Kgs	2200	2200	2500	2500	4000	4700	4485	5050	5100	5350
G.W. Kgs	2500	2500	2800	2800	4500	5200	4850	5850	4850	5880
Dimensions: Length mm (inch)	2489 (98")	2489 (98")	2718 (107")	2718 (107")	2489 (98")	2718 (107")	2489 (98")	2718 (107")	2489 (98")	2718 (107")
Dimensions: Width mm (inch)	1778 (70")	1778 (70")	1778 (70")	1778 (70")	2235 (88")	2235 (88")	2616 (103")	2616 (103")	2100 (118")	2100 (118")
Dimensions: Height mm (inch)	2100 (80")	2100 (75")	2100 (80")	2100 (75")	2100 (75")	2100 (80")	2100 (80")	2100 (80")	2100 (80")	2100 (80")
Packing size cm	259 x 188 x 226	259 x 188 x 226	277 x 188 x 226	277 x 188 x 226	259 x 213 x 226	277 x 226 x 226	288 x 226 x 226	295 x 226 x 226	288 x 226 x 226	295 x 226 x 226

* All specifications, dimensions and design characteristics shown in this catalogue are subject to change without notice.

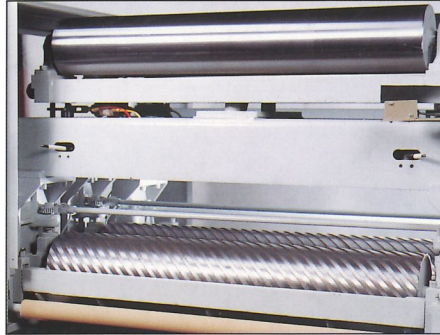
MODEL	STANDARD TYPE	OPTION TYPE
1. AIR PAD		25 37 43 52
2. DIGITAL READOUT	43 52	25 37
3. AIR JET CLEANER		25 37 43 52
4. BRUSHING ROLLER	43 52	25 37
5. STEEL CONTACT ROLLER		25 37 43 52
6. THICKNESS CONVEYER BELT	25 37 43 52	

All the large contact rubber drums ("R" drum dia. 250mm) have a micro gauge for easy elevation adjustment. The pressure shoe plate has a hardened chrome surface to ensure long working life. Additionally, all models above 3.5' and 4' come with a feed roller inside the pressure shoe unit to further enhance smooth feeding and digital readout setting thickness standard.



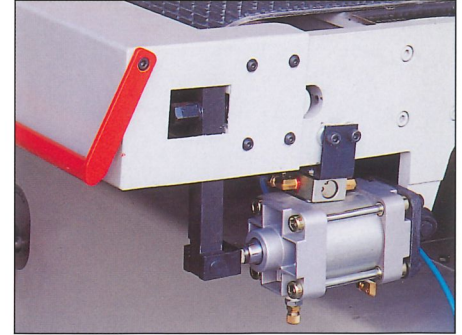
PANEL CLEANING BRUSH ROLLER

Built at the outfeed end of the machine, this panel cleaning brush roller cleans powder off the sanded panel. (3.5' & 4' model standard)



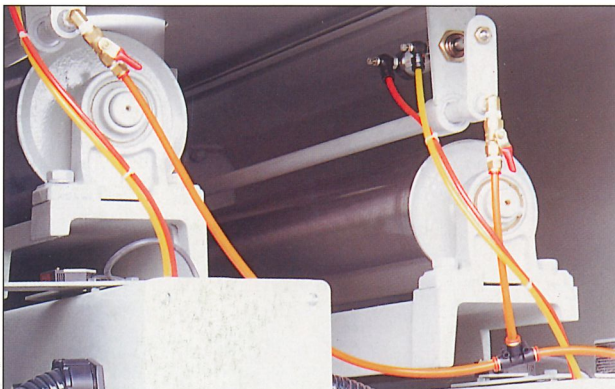
IRON CONTACT ROLLER (OPTIONAL)

The iron contact roller is manufactured from special steel, heat treated for minimum wear and long service life. It is ideal for sizing and heavy sanding applications.



CONVEYOR BELT TRACKING CONTROL

The conveyor belt tracking is pneumatically controlled to effectively prevent 'out-of-track'.



Optional Equipment

AIR JET CLEANER (OPTIONAL)

When operating the machine the oscillating air jet for cleaning the sanding belt and the speed can both be manually adjusted.

CE SPECIFICATIONS (OPTIONAL)

CE certification machines with European standard safety guards, electrical and control systems.

HOLYTEK continually research, develop and improve the quality of their sanding machines. Also, they can meet any individual demands according to customer supplied specifications. Holytek welcome all enquiries!

HOLYTEK

HOLYTEK INDUSTRIAL CORP.

9F-I, NO. 400, SEC. 1, CHANG PING RD., TAICHUNG, TAIWAN, R.O.C.

TEL: 886-4-2245-2818 (REP.) FAX: 886-4-2243-6928

E-mail: holytek@ms13.hinet.net

<http://www.holytek.com.tw>