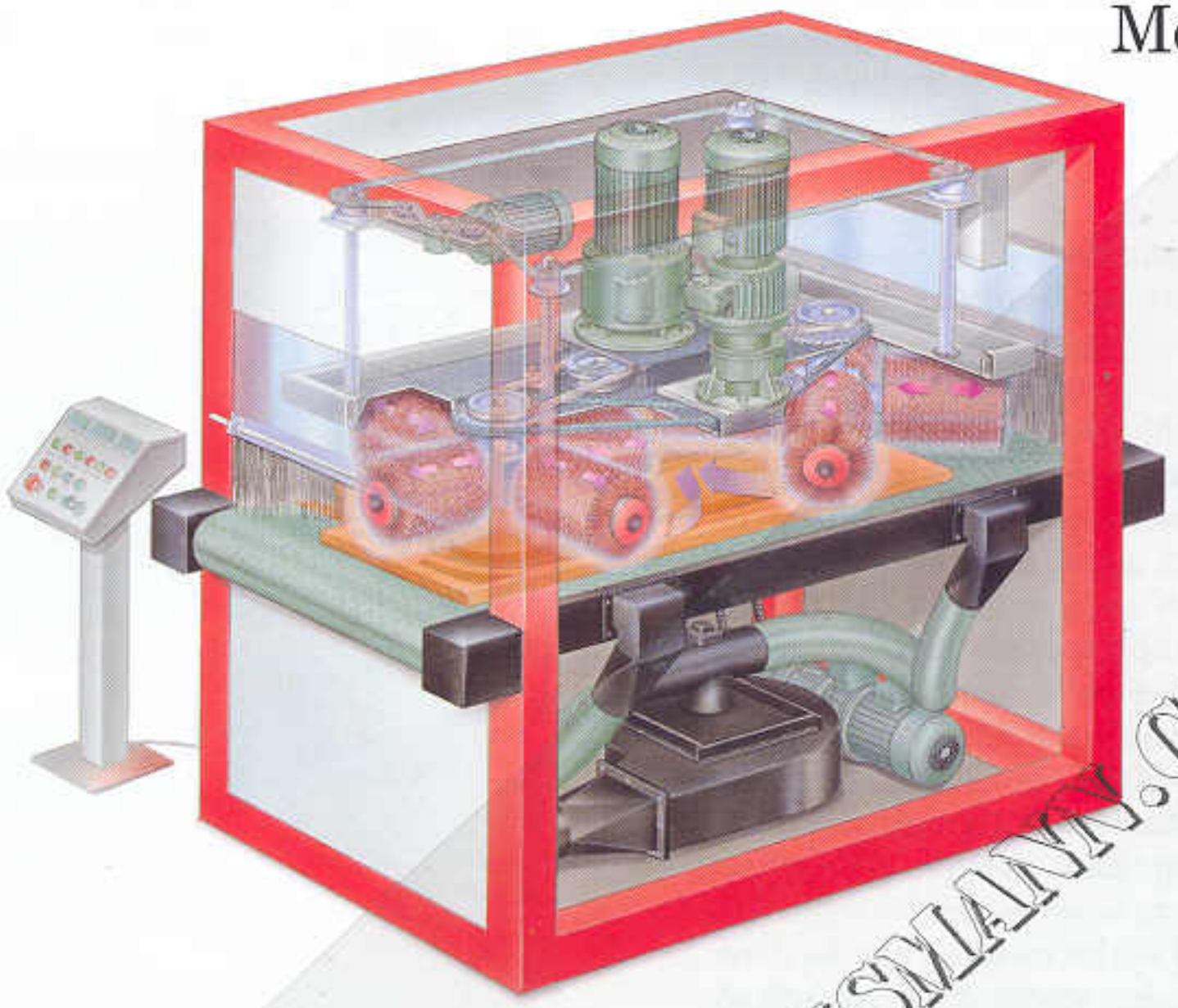
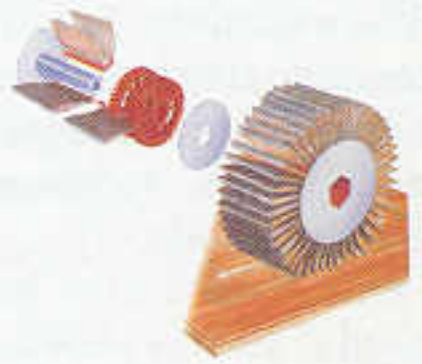
QuickWood System

Unique dual head sanding technology from QuickWood

Model: RO800
RO1100
RO1400





QUICKWOOD System
is the only finishing system with:

- **OSCILLATING ABRASIVE QUICK DISCS.**
- **DUAL COUNTER-ROTATING HEADS.**
- **8 SPINDLES TURNING RIGHT AND LEFT.**
- **100% SYMMETRICAL SANDING.**
- **HEXAGONAL SHAFTS FOR DIRECT POWER TRANSFER.**
- **REMOVABLE SHAFTS FOR EASY TOOL SHIFT.**

QuickWood

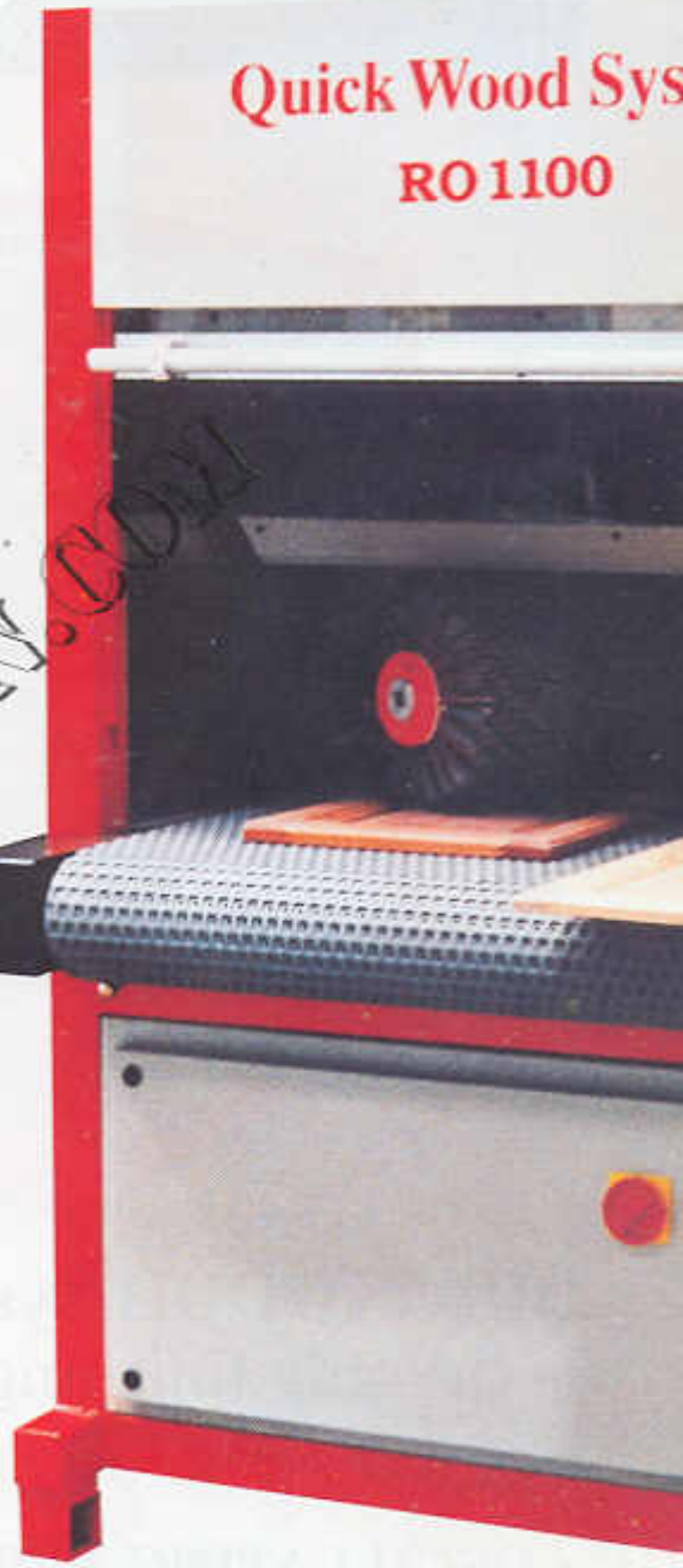
Sanding technology second to

The Quick Wood System model RO is a dual head machine with 2 counter-rotating gear heads, each with 4 sanding drums. As the gear head as well as the spindles are counter-rotating, a 100% symmetrical sanding will be obtained. On photo 1) you can see a computer simulation of the difference between the traditional one head system and the Quick Wood dual head system shown with one sanding drum on each head.

Further the relatively small gear heads make a smaller "hole" in the centre and allow longer sanding drums and thus higher sanding capacity.

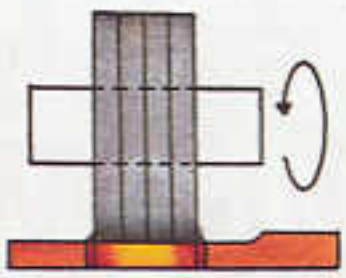
To obtain the best possible result, do a fine finish with the oscillating Quisk Discs on the sanded raw wood. You will then remove most or all of the fine fibres on the surface and break the sharp edges so the colour pigment of the stain will rest better and not float away. Then you apply a thin layer of sealer, just enough to close the wood, and when it has cured, make the sealer sanding with the same Quick Discs but just vary the speed of the sanding drums. On photo 3) you see the difference from traditional discs to the patented oscillating Quick Discs.

The automatic finish and sealer sanding can be done on many types of irregular items such as raised panel doors, louvers, windows, full-size doors, boxes, dashboards, toilet seats, steel computer cabinets, fibre glass etc.

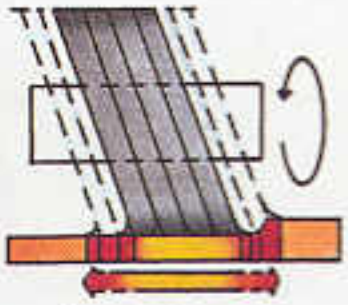


1 Traditional

2 Quick Wood System



3 Traditional



4 Quick Wood System

5 Sanding Examples

ıone one machine - Many tools

The RO machines have hexagonal spindles which can be equipped with many different types of tools such as QN NyIon + leather for polishing of wax, QN Tynex + QD for sanding of difficult items as dark stained deep profiles and MDE QN steel for brushing hard wood which is then sprayed with chalk and cleaned with QD neutral.

The tool change is easy as the whole spindle can be dismounted and a new one ready to use can be mounted right after.

The two gear heads are running drily so there is no grease or oil in the sanding area. All speeds are variable and the height adjustment of the 2 feed belts on model RO-B are done electrically by means of push buttons.

The model RO Vac is made with a built-in, heavyduty vacuum on the carpet. If an even stronger vacuum is needed, model RO can be equipped with VacTronic. This system will automatically concentrate the vacuum in the sections where the wood is and close the empty sections. An indication on the control panel will show which sections are open.

As the Quick Discs are worn, the 0-level will change. This is shown on a digital display, and the 0-level is easily reset by just turning a screw.

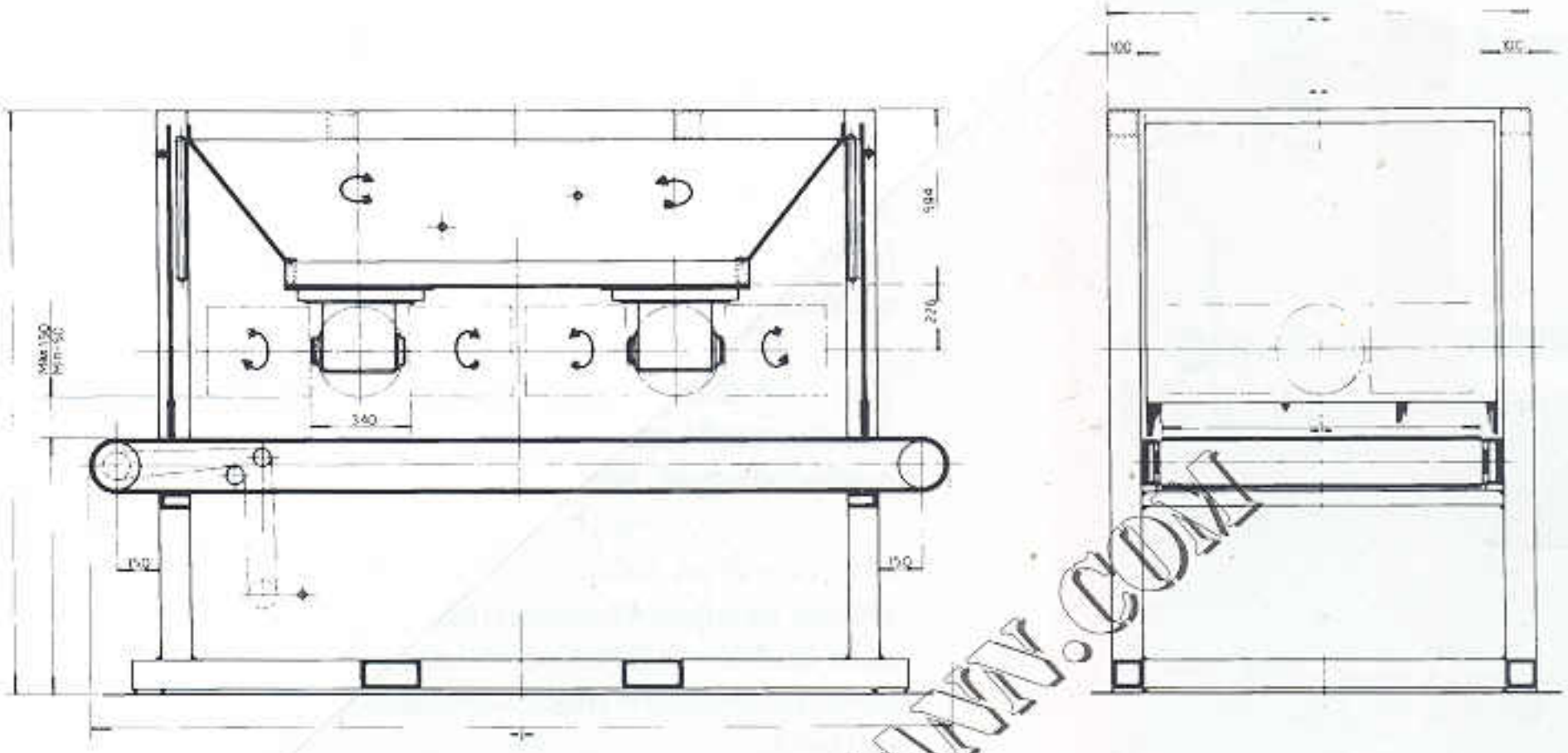
The RO machine can be supplied with many different supplementary tools such as a side sander (photo 8), a cleaning brush in the outfeed or a deionization unit.

6 RO 1400 with super finishing horizontal brush

7 RO 1400 with vacuum

8 RO 1100 for windows

Technical Specifications



MODEL RO	800		1100		1400	
	mm	inches	mm	inches	mm	inches
A Frame height	2000	79	2000	79	2000	79
B Width of machine	1155	46	1445	57	1715	68
C Length	2310	91	2720	107	3235	128
D Working height + 150 mm (+6)	830	31 1/2	830	31 1/2	830	31 1/2
E Throughfeed width	900	40 1/2	1100	44	1400	55
Workpiece dimension:						
Max height, mm (inches)	100	(4)	100	(4)	100	(4)
Feed speed m/min (ft/min)	2-13	(6-46)	2-13	(6-46)	2-13	(6-46)
Spindle speed rpm	300-1200		300-1200		300-1200	
Rotation speeed of carrousel rpm	3-16		3-16		3-16	
Spindle length mm (inches)	290	(11)	390	(15)	540	(21)
No. of spindles	8		8		8	
Diameter of tools	300	(12)	300	(12)	300	(12)
QUICK-Dies per spindle	24		33		42	
QUICK-Disc totally	192		264		336	
Main motor kw (HP)	4	(5)	4,8	(6)	5,5	(6,5)
Rotation motor kw (HP)	0,75	(1)	1,1	(1,5)	1,5	(2,5)
Height adjustment power kw (HP)	0,37	(0,5)	0,37	(0,5)	0,37	(0,5)
Feed belt motor kw (HP)	0,75	(1)	1,1	(1,5)	2,2	(3,5)
Vacuum feed belt motor kw (HP)	1,1	(1,5)	1,5	(2,5)	2,2	(3,5)
Vacuum turbine motor kw (HP)	5,5	(10)	7,5	(10)	9	(12)
Dust collection duct, mm (inches)	2xØ150	(2x6)	4xØ150	(4x6)	6xØ150	(6x6)
cub. m/h (cub,ft/h)	2000	(3400)	3800	(6650)	5500	(9,500)
Volume cub.m. (cub.ft)	5.5	(194)	8,5	(300)	12,4	(438)
Net weight kg (lbs), standard	1300	(2860)	1600	(3520)	2100	(3000)
Net weight kg (lbs), vac.	1500	(3300)	1900	(4180)	2500	(5500)

The motors run 20% faster on 60 Hz.

QuickWood

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