

The Exceptional INCA Model 570 10 1/4" Combination Jointer/Thickness Planer

For woodworking and joinery you can be proud of, the boards must be straight, flat, parallel sided, and accurately dimensioned. The only machine that reliably gives you a flat board is a Jointer. But that makes just one side flat. You also need a Thickness Planer to flatten the other side, dimension the stock, and make it absolutely parallel to the first.

INCA offers the alternative to buying 2 machines: the INCA Combination Jointer/Automatic Feed Thickness Planer. No other machine performs both functions to the same level of precision and finish. The smoothness of finish produced is superior to that from any other machine – bar none. The lower of the two thicknessing feed speeds will provide satin smooth results, even on the hardest and most difficult woods.

The INCA Model 570 Jointer/Thickness Planer delivers perfectly prepared wood and satin-smooth finishes with ease and simplicity. The Model 570 combines jointing (done "above" the cutterhead) with thickness planing (done "under" the cutterhead) in one machine. This saves precious space, reduces maintenance, and costs much less than separate jointer and planer machines of comparable size and cutterhead specifications.

The conversion from Jointer to Thickness Planer takes only seconds. A reversible built-in scale on the thicknesser (marked in 1/8" & 1/2mm) tells you where you are at all times. And the unique "gear shift" allows you to change feed speeds quickly to achieve faster feeding or smoother finishing.

The heart of our machine is its cutterhead. INCA's patented Tera™ Cutterhead lets you change knives in less than 60 seconds, from start to finish. There's no aligning to do because it's all done automatically, saving you hours of aggravation. No other machine can offer you that at any price.

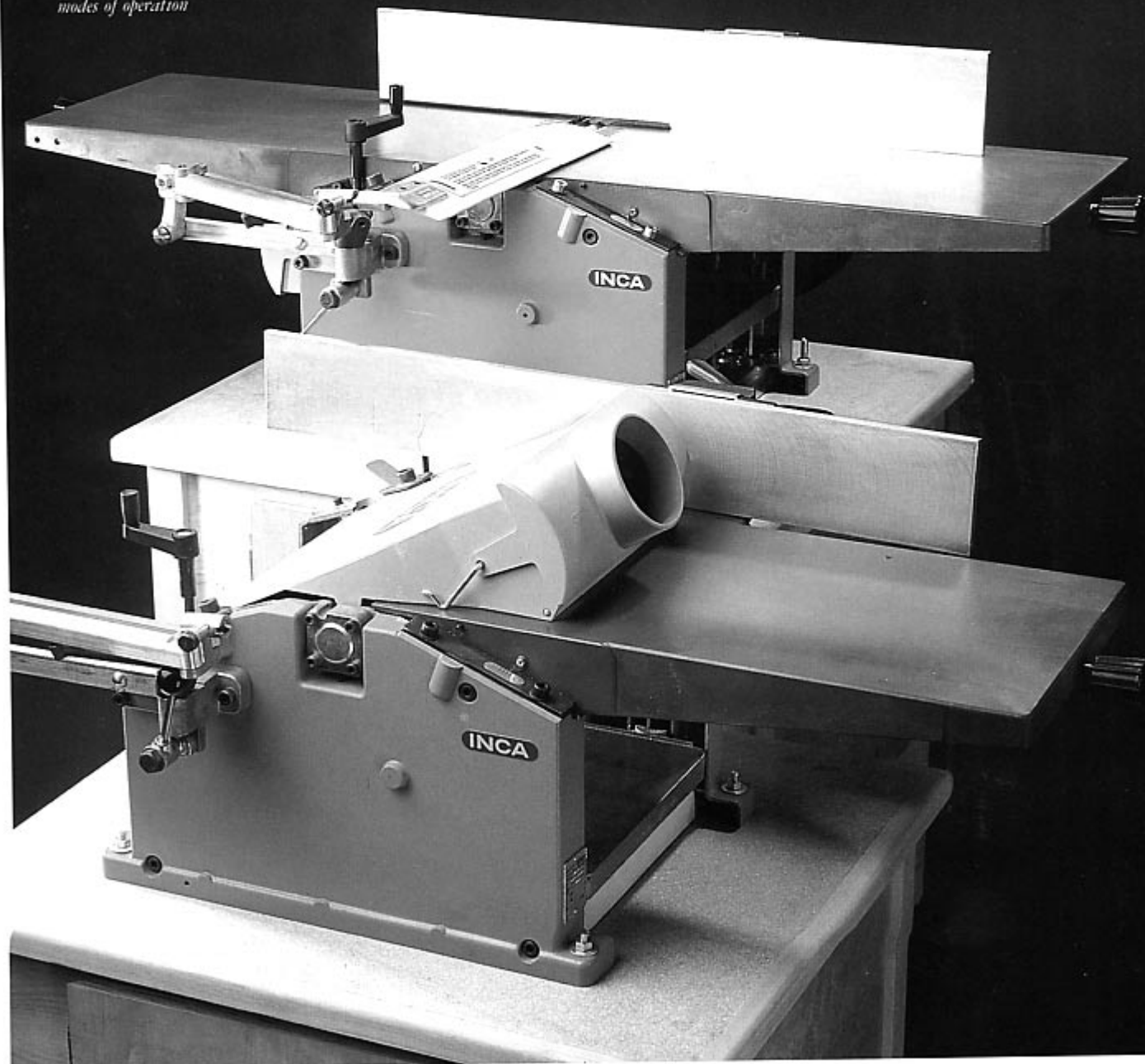
INCA Jointer/Planers are compact and easy to move around. The beds are, therefore, relatively short for a jointer of this width. However, many woodworkers would be willing to sacrifice some portability in order to have somewhat longer beds to aid in handling large timbers. So a relatively inexpensive Extension Kit can be attached to both tables, lengthening them by 26" in all. This will give you an overall jointer bed length of 68".

Making Parallel-Sided Wood: The secret is to "face-plane" (or surface) a flat side first, so that the Thickness Planer can machine a parallel surface. Without a straight flat reference surface, a thickness planer can only press or rock warped wood on the way through, cutting it thinner but leaving it warped, twisted or cupped. Having a jointer as wide as your thickness planer is the key to this whole process.

The INCA Model 570 has uncommonly wide Jointer Tables which makes it possible to machine a flat surface up to 10 1/4" wide. This flat surface is then the reference as the stock is run through the Thickness Planer. The Cutterhead simply cuts a parallel surface without any deviation, curve or twist. You can even edge dimension multiple narrow boards at the same time.

Satin-smooth Finishes: The Model 570 cuts extremely smooth surfaces, even on difficult hardwood with wild or stringy grain. It will produce a

Model 570 shown in both modes of operation



smoother finished surface than any other planer. This is due to three factors: (1) exact automatic alignment of blades, (2) a very low alternate feed speed, and (3) a cutterhead with three blades that rotates 33% faster (6,000RPM) than most. The best part is the blade alignment system.

Blade Alignment: The Model 570 features the Swiss-designed Torsa® cutterhead, a remarkable self-aligning system which allows you to remove, replace and reset all three blades perfectly in less than 60 seconds. Alignment is automatically done as soon as the machine is turned on. Blades are double-sided and are discarded when dull. Replacement cost is about the same as good quality commercial regrinding of conventional blades.

Versatility: The INCA Model 570 effectively handles a wide range of wood stock from soft pine to ebony in a wide range of sizes. The machine can joint or plane timber up to 10 1/4" wide. The Thickness Planer can machine wood up to 6 1/4" thick, or as thin as 1/8".

Motor, Controls, and Bearings: The Model 570 is powered by a 2HP continuous capacity TEFC dual voltage (115/230V) motor. Bearings are sealed and permanently lubricated.

Construction: Heavy-duty, aircraft quality aluminum castings are used throughout. Runs exceptionally quietly.

Planer Bed: The polished, stainless steel Planer Bed is crank-elevated with four corner-post screws connected with continuous chain. An accurate (1/32" or 1/2mm) height ruler provides for direct reading of planing thickness. Two Automatic Feed Speeds: 11 1/2 and 16 1/2 fpm. Spring-loaded Safety Pawls protect against accidental kickback.

Jointer Tables: Surfaces are hard anodized and machined to allow wood to move without air suction "sticking." Special cast-in slots baffle high frequency sound waves, so that this machine runs noticeably quieter than other planers or jointers.

Dust Collection: The Model 570 is provided with a chip ejector which swings around from the jointer position to the planer position. Conversion takes less than 60 seconds. However, both the jointer and planer functions continue to be available even if dust collection is not employed.

Warranty: Inca has a 5-year Limited Warranty on parts and labor (electrical and belts 1-year).

Model 570 10 1/4" Jointer/Planer

Standard Equipment

- Fence 45° Tilting, Both Ways
- Blade Guard
- Two-Way Chip Ejector
- 3 HSS Torsa® knives, installed
- 2HP 115/230V Motor
- Standard Controls
- Adjusting Tools
- Waxlit Table Wax / Cleaner

Specifications For Model 570

Table Length:	42"
Maximum Jointer Cut:	1/8"
Cutterhead Diameter:	2 1/16"
Cutterhead Speed:	6000RPM
Number of Cutters:	3
Feed Speed, Ft./Min:	11 1/2 or 16 1/2
Cuts Per Inch (Thicknessing):	130 or 90cpm
Thicknessing Table Length:	15 3/4"
Minimum Planing Thickness:	1/8"
Maximum Planing Thickness:	6 1/4"

Thickness Table Adjustment: 1/2" (per handcrank turn)

Motor: 2HP 115/230V

Weight (without stand): 135 lbs.

Model 570 Accessories

These special accessories can be helpful in the operation of your new or old INCA Model 570 or with the older Model 510, 550 or 560 designs.

INCA Jointer Table Extension Set

Made specially for us, this Extension Kit adds 26" overall to the length of your beds (an equal amount at both ends). It is made of solid anodized aluminum with built in levelers and lock screws. It can be a very worthwhile investment. You must drill two holes on each side of each table to mount this set. Instructions included. (Not available for older Model 510.)

570.10 Jointer Table Extension Kit

Waxlit Table Cleaner/Wax Works Best

Specially formulated for woodworking machines, this cleaner/wax cleans wood resins off the tables and leaves a slippery wax coating. Will not interfere with finishes. Essential on planer beds for smooth thickness planing, works great on all machines surfaces too. (Not shown)

4510.8 Waxlit Table Wax / Cleaner (3 1/2 oz)

4510.10 Waxlit Table Wax / Cleaner (2 1/4 lbs)

Replacement Torsa® Cutters

Unique reversible, double-edged (each cutter has 2 cutting sides that can be switched) Torsa® knives are economical and change in seconds. Available in Tool Steel, good for general planing, and rough work; in High Speed Steel for the ultimate finish and longer blade life; and in Solid Carbide for the longest blade life when planing very abrasive woods (like Teak etc) and facing joined wood with many glue lines.

Here's a useful tip. Because Torsa® knives change in seconds, we recommend that you use one set for your rough planing or first pass on new or dirty lumber. Then change to your good "finish" set of knives. It's the sand and dirt that causes blades to dull quickly and this simple, easy step will make your "finish" blades last very long indeed. You can only do this with Torsa® blades because only Torsa® changes so quickly.

Offered in Sets of two or three double-edged blades

560.12	Tool Steel Torsa Blades (2)
560.10	HSS Torsa Blades (2)
560.11	Solid Carbide Torsa Blades (2)
570.14	Tool Steel Torsa Blades (3)
570.3	HSS Torsa Blades (3)
570.4	Solid Carbide Torsa Blades (3)

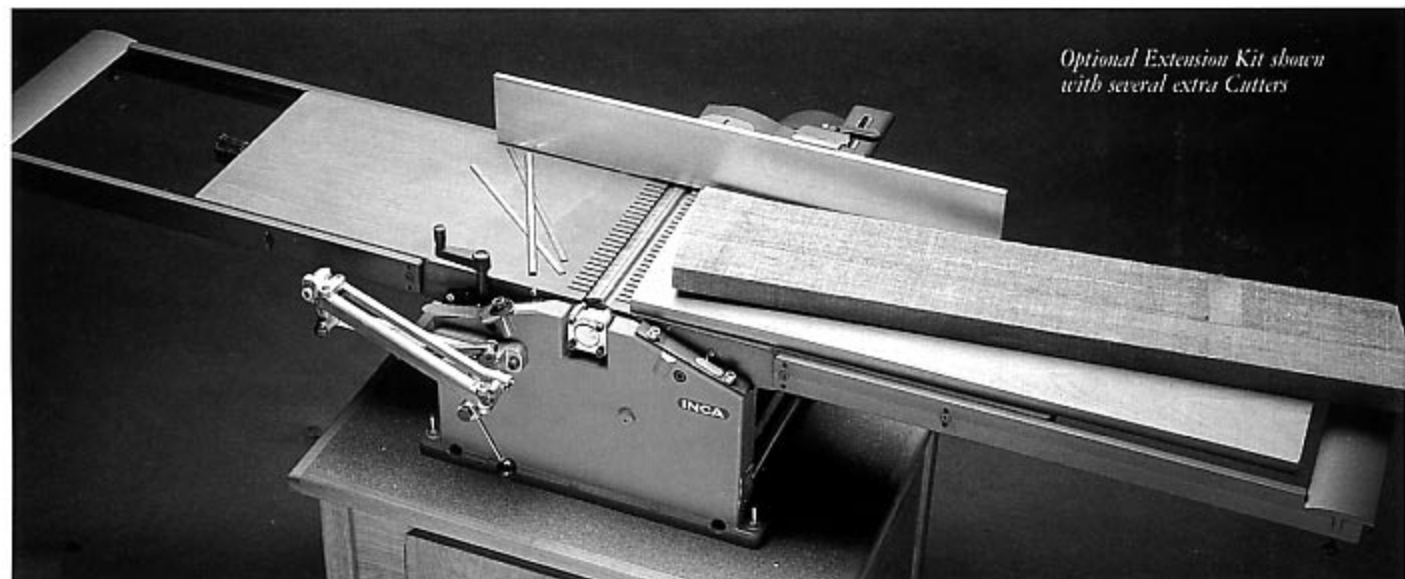
Knives for Older INCA Jointers And Planers

We stock standard High Speed Steel Knives for older model INCA Jointers and Combination Jointer/Planers

410.4	8 3/8" HSS Knives for Models 410 & 420
510.3	10 1/4" HSS Knives for Models 510 & 550
510.4	10 1/4" Carb. Tipped for Models 510 & 550

See the accompanying price list for Current Prices and Sales, or call toll-free 800-221-2942 to receive one.

TO ORDER CALL 800-221-2942 or FAX 800-566-9525



Optional Extension Kit shown with several extra Cutters