



# THE SHEPHERD TOOL CO. INC.

## CHARIOT BLOCK PLANE

A traditional British chariot plane with a twist: this model has a front bun facilitating two-handed work. Although it is a great apron plane, it is a desirable plane for luthiers and split cane rod makers, as well. Sole: 3 5/8" X 1 5/8" Iron: 1/8" Cryo A2 Tool Steel bedded at 18 degrees. Kit Build: 4-6 hours



## SPIERS STYLE NO. 8 SHOULDER PLANE (3/4" & 1 1/2")

Patterned after an 1860's era Spiers No 8 Shoulder plane. Body assembly is one-piece. The sole plate is 8" long, with the toe end having in excess of 3" registration prior to the iron. Cryogenic-treated A2 Irons at Rc 58, are wedge-secured on a 4 1/2" wood bed at 22 1/2 degrees. Infilled with cocobolo, 3/4" plane weighs in at 1 Lb 13.2 oz., 1 1/2" plane weighs 2 Lb. 13.2 oz. Kit build: 8-10 hours \*\* Look for these in FWW, 1<sup>st</sup> qtr of 2004 \*\*



## SPIERS STYLE NO 7 SMOOTHER

This plane has a rich history, and the lines are of a Stewart Spiers original. Spiers, of Ayr, Scotland was in his prime from 1842 to 1899. An infill of this construction will put cast iron competitors to shame. The reasons are basic: 2 1/4"X3/16" cryo A2 iron; the non-resonating 45 degree cocobolo bed; the lever cap method of securing the iron; fine throat of a scant few thousandths of an inch. The plane weighs in excess of 4 Lbs. Kit build: 8-10 hours.



## NORRIS STYLE NO A6 SMOOTHER

A recent introduction to the Shepherd line, the A6 has been a strong seller in both kit and finished form. The 2 1/4"X3/16" cryogenically-treated A2 iron is bedded at 47 1/2 degrees and typically yields a superior surface in dense tropicals. The adjuster runs at 72 TPI. One of the most highly sought-after designs in the world. Kit build: 10-15 hours.



Phone: **519-624-7350, 519-787-0364** Fax: **519-624-0718**

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## SPIERS STYLE NO. 5 IMPROVED MITRE

The mitre was one of the first dovetailed infill plane designs. Steel was highly desirable in a 19<sup>th</sup> century mitre because of the poor wear and mouth fragility of cast iron and wood alternatives. The Spiers smoothing plane did much to limit the need for the mitre, and thus originals are rare. Sole: 10 5/8" X 2 5/8" Iron bedded at 20 degrees.



## SPIERS STYLE NO. 1 PANEL (13 1/2" SIZE & 17 1/2" SIZE)

Do not confuse these planes with "Jack" or Foreplanes. They are intended for smoothing operations, as their fine throats would suggest. A peculiarity to the British, these planes were used for longer boards (high-quality Panels). Such applications required a greater amount of registration and these plane obviously oblige. 2 1/2 X 3/16" Cryo A2 Irons. Kit build: 8-12 hours.



## SPIERS STYLE NO. 1 JOINTER (20 1/2")

Jointers such as this 20 1/2" model are a rarity. Most originals were purchased for common use by the Joinery Shops. Given the species they were intended for, they have a much finer throat than we are used to. 2 1/2 X 3/16" Cryo A2 Irons. Kit build: 12-15 hours –not for a first-time build!



Typical kit components (manual & Diagrams not shown) and typical tools:



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