FLIP|STOP®

ACCURATE MEASUREMENTS INSTANTLY

again and again and again . . .

FLIP|STOP®

Note: Fence not supplied

The measuring stop system which saves time, money and materials.

FLIPSTOP is a unique measuring stop system which can be used on most types of machine tools to provide accurate, repeatable machining operations easily and quickly.

It is cost effective to install, simple to use and saves the time and effort of measuring, marking and clamping blocks of wood to a machine fence.

FLIPSTOP consists of a metal track with measuring scale which is fitted to a fence. Pivoting stops are moved along the track to the required position. When not in use the stop is simply flipped up and out of the way.

A number of stops can be fitted onto the track which makes it possible to keep multiple settings on a single unit and simply to 'flip' between settings with no further adjustments. In this way, FLIPSTOP can reduce set up time by as much as 80% and often reduce handling by 50%. This time saving can result in substantial cost reductions.

Whether machining one piece to size or working through a lengthy cutting list, FLIPSTOP will speed production by removing the measuring and marking process.

Compatible with most machine tools

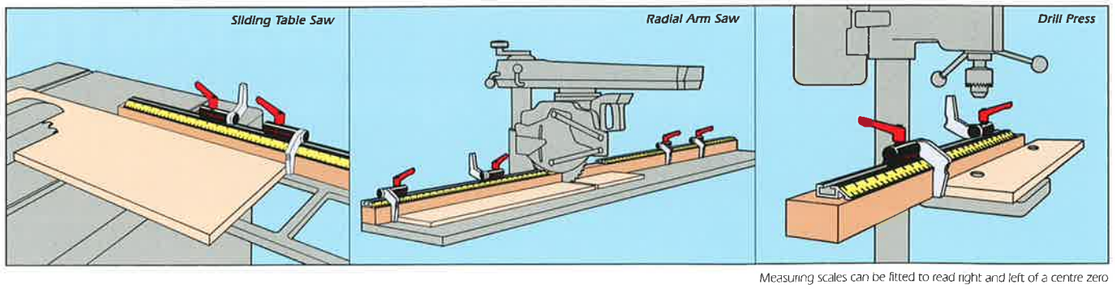
FLIPSTOP is compatible with most types and makes of manual machine tools used for wood, metal and plastics, including radial arm or sliding table saws, chop saws, spindle moulders, pillar drills, routers or guillotines

Highly versatile, FLIPSTOP is simply screwed to a 45mm high fence (standard ex 2" stock) mounted on the machine. The FLIPSTOP track is available in 1m, 2m and 3m lengths. The track can be fitted with left or right reading measuring scales to allow fitting on either side of a machine. The stops are also reversible. This allows adjacent stops to be set close together as well as permitting left or right handed use.

Accurate, repeatable and fast

FLIPSTOP is designed to facilitate accurate measuring and to give consistently repeatable results. This makes it ideal for precision work as well as for volume production where speed of throughput and consistency are important. The clear reading measuring scales are 19mm wide with a yellow coating. This contrasts with the black track to instantly draw the eye to the scale.

The silver finish of the stop arm against the highly legible black on yellow of the measuring scale makes for very fast setting of stops, usually in under 8 seconds.



Measuring scales can be fitted to read right and left of a centre zero

The track position on the fence can be adjusted 5mm left or right to allow accurate calibration.

The steel and heat treated aluminium alloy stops operate smoothly and can be taken apart and re-configured to suit left or right hand use.

Accuracy can be maintained by adjusting the pivot pin in the stop arm to take up any play in the stops.

Robust and durable

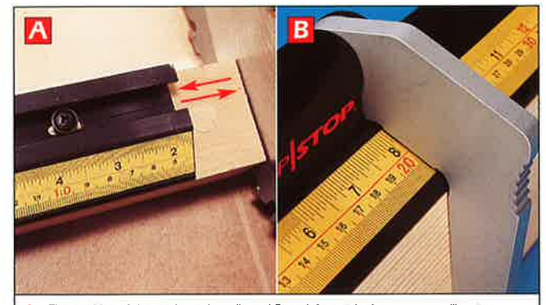
FLIPSTOP is robust and hard wearing to withstand the rigours of a commercial workshop environment. The heat treated aluminium alloy track has a wall thickness of 4mm for heavy duty use. The stops are made of aluminium alloy with steel pivot pins and bolts. The measuring scale is recessed in the track for protection against knocks and abrasion.

Saves time and money

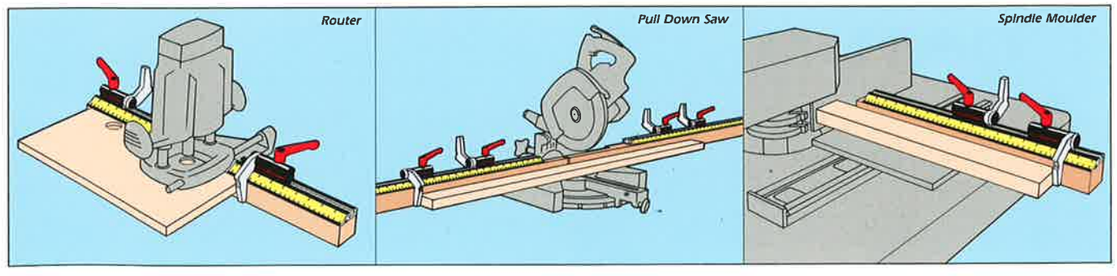
FLIPSTOP is a low cost alternative to automatic stop systems which is simple and quick to use. It can help to cut production bottle necks and the more machining operations involved, the greater the saving achieved by FLIPSTOP. For example, tests have shown that FLIPSTOP can cut set up time by three quarters and component handling by half.

In addition, because of its accuracy and consistency, FLIPSTOP also reduces wastage which has a direct impact on lower production costs.

FLIPSTOP gives accurate, repeatable measurements and can be fitted to most manual machine tools to improve productivity and save money.



A. The position of the track can be adjusted 5mm left or right for accurate calibration.
B. Yellow measuring scale, recessed into black track for protection, is highly visible. The stop arm is shaped to fit into the recess to allow fast accurate placement of the stop.



Description

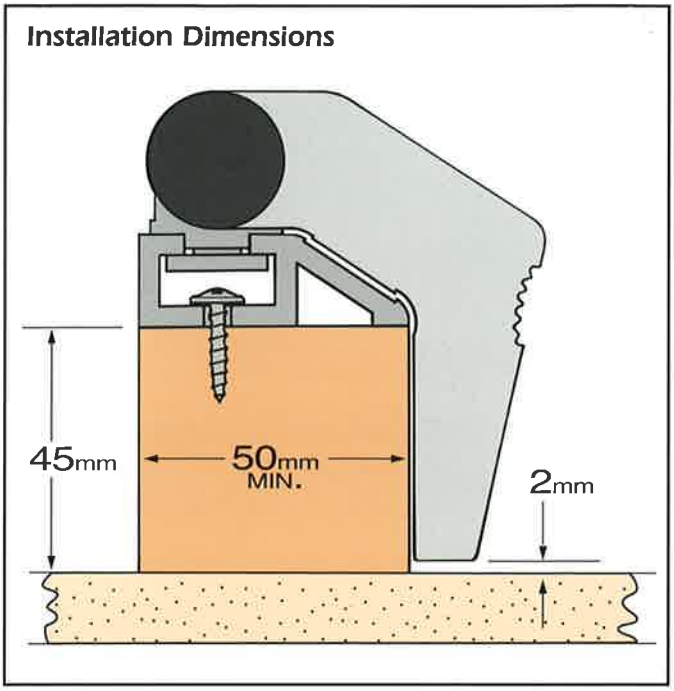
FLIPSTOP is a measuring stop system which fits onto a 45mm high fence (standard ex 2" stock).

It comprises a track with measuring scale onto which one or more sliding stops can be fitted.The track is available in one, two and three metre lengths.

Self adhesive measuring scales reading left/right or right/left are applied to the track. Depending on type of use, as many stops as required may be fitted to the track.

Installation

1. Make a fence 45mm high (standard ex 2" stock) and mount onto the machine.
2. Screw FLIPSTOP track onto the fence through the centre of the oval fixing slots in the base of the track.
3. Select the left or right reading measuring scale as required and trim to length. Peel off backing paper and apply the measure.
4. Machine a test piece and calibrate the installation using the oval fixing slots.



Construction

FLIPSTOP is sturdily constructed for use in commercial workshop environments. The heat treated aluminium alloy track has a wall thickness of 4mm and is supplied with a number of 5mm x 15mm oval fixing slots to allow fine calibration.

The measuring scales are 19mm wide steel with a polyurethane coating and are self adhesive.They are available reading left/right or right/left to allow fitting on either side of a machine.

The stops comprise an aluminium carriage which bolts into the track and a stop arm which can be flipped up, out of the way when not in use and flipped down when required.The amount of play in the stop arm is adjustable by turning the steel pivot pin.

The stops are reversible for left or right handed operation or to allow use from the front or the back. The clamping handle (epoxy-coated zinc-aluminium alloy) which locks the stop to the track is mounted on a sprung spline of steel so the handle may be positioned anywhere in a 360° arc by lifting and turning. When released it permits the stop to slide easily along the track for fast accurate set up.