ZX5 Maintenance Procedures

Maintenance Procedures for Stuga ZX5 Flowline

Introduction

Contacting Stuga Service

How to report an issue on Stuga Machinery

Mechanical Setup

Setting Arrow Heads on ZX5 or ZX5-E

How to set arrow heads on Stuga ZX5 and ZX5e machines with the SY axis and Y notching on saw

Common Issue - Mitre Cuts Cutting Short

If the length of pieces with mitred ends are too short from the saw, there are some simple root causes to check

ZX5 V Notch Blade Mechanical Setup

How to mechanically set the V notches on a ZX5.

Gripper Setup - ZX5

How to set up the toothed gripper on the ZX5 machine

Common Issue - Datum Holes in Wrong position

Common root causes that may lead to a varying result when running a datum test

Commissioning - Z-Block Calibration

Commonly used during sawing on Z transoms, the Z block operation is used to fasten the profile, making sure it does not mo
sawing.

ZX5 Transfer Table Crank set up

How to set up the cranks mechanically so the correct overlaps and limits are achieved.

Device Setup

Setting Motor Overload Relays

This tutorial will walk you through how to read a motor plate and set the Motor Overload Relays to the information you gai
motor plate.

Setting Ultrasonic Sensor - Horizontal

Setting an ultrasonic sensor mounted horizontally

Setting Profile Detection Laser Sensor

Setting the laser sensor used on Flowline / ZX offcut sensors and Autoflow measurement sensors

TB0445 ZX5 Setup - Infeed Measure Sensor Calibration

ZX5 Setup - Infeed Measure Sensor Calibration

Commissioning - Off-Cut Laser Sensor

Setting up the laser sensors on the infeed of a Flowline, ZX4 and ZX5.

Software Setup

Accessing Zebra Printer Settings Via Web Browser

How to access the settings of a Zebra printer via a web browser

Y Notch Adjustment ZX5

Adjustment of Y notches on ZX5 Machine or Sawing centre fitted with "Y-Drive" on saw clamping
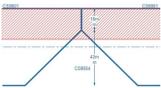
TB0434 Setting Up Deep Y notches on ZX5

The saw "Y drive" on a ZX5 is limited in its depth range to +/- 20mm from the centreline of the profile, and 20mm from the b
This is fine for most normal Y notching, but there are combinations when a particularly deep Y notch is required.

TB0447 ZX5 Setup - X Axis Beam Calibration

ZX5 Setup - X Axis Beam Calibration

Common Issue - Initialising - Cannot Connect to PLC

Cannot connect to TwinCAT PLC on switch on

Common Issue - Critical Saw File AQS is corrupt

How to restart machine after "Critical Saw Queue File ..... is Corrupt. Please check the saw queue carefully"

Updating the Touchscreen Driver

This tutorial will walk you through how to update the touchscreen driver on any machine with either one or two touchscree

Hikvision Camera Setup

Setting up the Hikvision cameras and recording system

Viewing Camera Footage from Hikvision Cameras

How to view the live footage and stored data from a Hikvision camera on a Stuga machine

Programming Eaton DE Drive

Programming the Eaton DE Drive