


# TAURUS STRION MASTER X80 LASER WELDING MACHINE – 380V

## Description

Based on advanced laser source technology, the Taurus STRION MASTER X80 handheld laser machine adapts a new dual-circuit refrigerant direct cooling system and integrated structural design, which allows it to be used continuously twenty-four-seven. It is a three-in-one machine that seamlessly supports welding (single or double feed mode), minor cleaning for welding preparation, cutting cladding, and automation, delivering outstanding efficiency, reliability, and versatility for modern manufacturing applications. Additionally, the machine delivers strong deep penetration and excellent welding quality. The welding function can weld various metal materials such as aluminum, stainless steel, carbon steel, galvanized sheet, brass, etc. Taurus STRION MASTER X80 delivers reliable performance across automotive, construction, machinery, and metal fabrication industries, combining user-friendly operation with enhanced thick-plate welding capability.

### ACCESSORIES

- Integrated armored cable & welding torch.
- Wire feeder.

- Argon flowmeter.

## WELDING PENETRATION GUIDELINE (SINGLE SIDE)

| MATERIAL | MATERIAL THICKNESS |
|---|---|
| ALUMINIUM | 7mm |
| STAINLESS STEEL | 8mm |
| GALVANISED STEEL | 7mm |
| CARBON STEEL | 10mm |

## SPECIFICATIONS

| SPECIFICATION | DESCRIPTION |
|---|---|
| PRODUCT CODE | STR-MASTER-X80 |
| MODEL | MASTER X80 |
| POWER SUPPLY VOLTAGE | 380V THREE PHASE |
| RATED INPUT POWER | 10500W |
| LASER POWER | 3000W |
| WELDING SPEED | 200 – 3000mm/min |
| WIRE DIAMETER | 0.8 TO 2.0mm |
| PACKAGE DIMENSIONS(MM) AND NET WEIGHT(KG) | 944 x 470 x 722mm ? 85kg |
| Product Category | |

1. Taurus Machines
2. Laser Welding Machines

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