

CompactMark

Product Description

Compact only in size but big in performance, the CompactMark is a multi-functional center for laser marking. Made entirely of **welded steel**, and precision machined with ground ways and ball screws, it is configured with 3 standard positioning axes that can be expanded to 9 axes with optional "C" axis, rotating head, palletized pick and place or conveyors. The **precision and rigidity** of the CompactMark featuring a marking area of 560x400mm or larger, provides the **greatest accuracy** when tight tolerances are required. The system is designed to engrave one part, an array of parts, as well as an entire pallet with hundreds of parts while maintaining repeatability, accuracy and perfect centering. The table can support parts weighing up to 150kg. The Z axis, operated by the FlyCad marking software, allows us to mark different thicknesses up to 400mm. All motors feature integrated encoders which can be controlled via a **3-axis joystick**. This state of the art Smart Focus Technology enables the operator to utilize the preview function and immediately focus and center with no effort to begin marking. The CompactMark is available as both a standard or customized system with varying sizes to meters with **optional full gantry and smaller footprint** as well as other automated option including palletized and robotic pick and place systems, multiple rotary axes, vision systems for recognition, centering and verification, and conveyors. The system is pre-designed to accept a **fume exhaust filtration system** depending on materials to be marked.



Additional Information

Working position	stand up
Working plane dimensions	560 x 400
Max weight on the plane	150kg
Markable max height (ø 140mm)	460mm
Available marking areas	ø100, ø140, ø220
Options which can be installed	rotaing axis, direct rotating axis, tilting rotating axis, rotating head, metal sheet tightener
Type of laser	fiberfly, flyair, flyair green, fiberfly green

Vision system	optional – both ttl and reflex
Type of engine	up to 5 motors with the encoder
Joystick	included
Type of door	pneumatic
Exhaust fan and filter	optional
Pc and monitor	integrated into the base and monitor holder
DMX player	optional
Weight	490kg
Power supply	110 – 230 vac – 50hz
