



The Rusach Advantages

Design, Engineering & Manufacturing

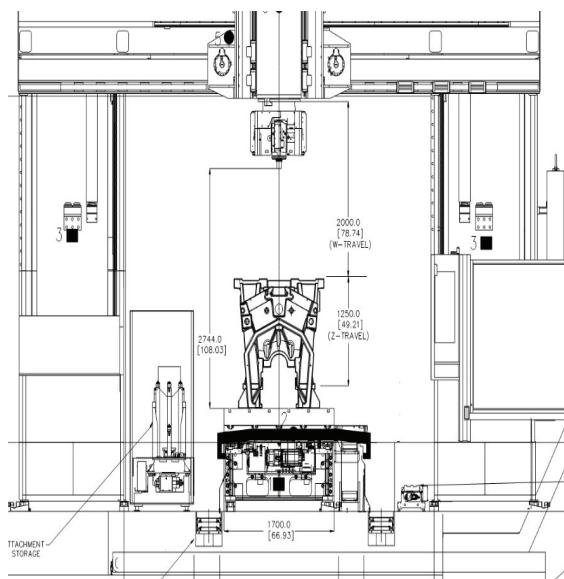
At **Rusach International** our Design, Engineering & Manufacturing capabilities is why we stand out from other Rotary Table & Pallet Automation Systems manufacturers. We build rotary tables from **100mm** to **8 Meters** in diameter. We specialize in **High Accuracy, Production Style, Heavy Load Capacity & Large Part** Rotary Tables & Pallet Automation Shuttle/Storage Systems. We build small ones too!

We Design, Engineer & Manufacture a system based on your application.

Rusach International systems are not proprietary and therefore can be integrated into any machine, control system or application. We do not believe in “Locking” a customer down with proprietary parts or packages of items that you do not need or want.

Our Engineering and Technical people at **Rusach International**, have the Experience, Background and Training, to solve your challenges!

Give us a call today!



Proud Partner with...



HEIDENHAIN



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Every Challenge Has A Solution

Design & Engineering Applications

The Rusach Advantages



Application

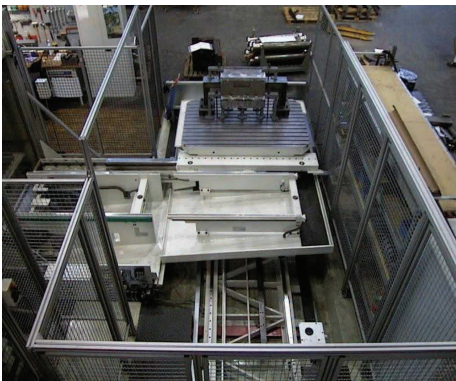
Tire Mold Manufacturing
 Customer built a new building for this process.
 Organize process flow from one end of building to the other
 Building was almost the length of a football field

Solution

- Type 8-10 D1250
- FMS serviced 13 machines of different makes and models
- (2) Pallet sizes
- Double level system for saving space
- Rail Guided Vehicle, 52 pallets, 48 storage locations
- Raw material loaded at one end and finished product packaged at the other end.

Benefits

- Increased productivity thru greatly reduced manufacturing times
- Overall process time went from 8 weeks to 8 days
- Complete Design & Engineering solution, Turn-Key System



Increase production and achieve a 2 minute chip to chip machining time
 Maintain a positioning accuracy of +/- .05mm
 Pallet change was integrated as fully automatic at the end of the machining cycle

- Type 8-12 1500x2000
- A single drive mechanism to transfer the pallets in & out of the machine
- A (2) position shuttle allowed for the movement of the completed part back to load/unload position by the control panel of the machine

- Increased productivity thru greatly reduced pallet exchange times
- Increased quality and less waste thru higher accuracy
- Minimum space required for system
- Complete Design & Engineering solution, Turn-Key System



Large diesel engine blocks needed to be machine on an existing machine
 Customer wanted one setup to machine both the heads and the cylinder bores
 System needed to provide access to the oil passages in the center of the engine block

- (2) 5-10 D1000
- Single drive connected both vertical tables for smooth synchronized movement
- Feedback system connected direct to the axis of rotation for positioning accuracy

- Increased productivity thru greatly reduced set-up and machining time
- Tables supplied customized to customers control interface to minimize installation and commissioning time
- Increased part quality & machining reliability
- Complete Design & Engineering solution, Turn-Key System

Rotary Tables, Pallet Automation Systems, Metrology Solutions
Design, Engineering, Manufacturing, Service, Repair, Maintenance

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