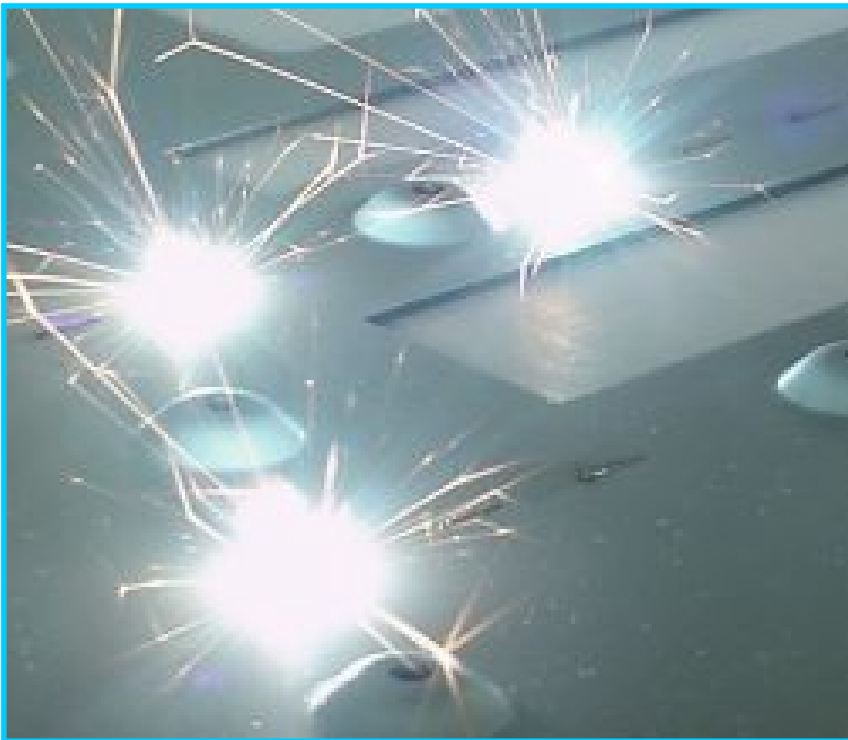




Remote laser welding systems



Remote laser welding systems

Remote laser welding offers unique and unparalleled possibilities.

First of all the advantages of laser welding:

- High welding speeds up to 20 m/min [60 feet/min];
- Less deformation and heat influenced zone due to low heat-input;
- Flexibility in programming;
- Very good control of welding depth;
- Many others depending on the application

Second the typical advantage of remote welding:

- Speeds up to 1200 m/min [3600 feet/min]

The ScanWeld combines these advantages.

The remote welding system can be used as a stand-alone system and be integrated in a automated production line just as well.

According to your wishes we can supply just the welding system or deliver turn-key including product handling and clamping.

Technical specifications:

| | |
|---------------------|---|
| Work area (XxYxZ): | min. 250x250x5 mm [10"x10"x0.2"] max. 1250x1250x300 mm [50"x50"x12"] Specials on request. |
| Speeds of the axes: | max. 20 m/s [60 feet/s] Z-axis pneumatically or servo driven |
| Standard accuracy: | 0,1 mm positioning 0,05 mm iterative |
| Control: | pc based |
| Laser: | CO ₂ -laser, max. 5000 Watt |

For Europe contact:

Omega Laser Scanners B.V.

Chroomsteden 5
7547 TL Enschede
The Netherlands
tel. +31-(0)53-4283111
fax +31-(0)53-4284970
www.omegalaser.com
info@omegalaser.com
sales contact:
Mr. Maurice Bolwerk

For the United States contact:

LasX Industries, Inc.

4817 White Bear Parkway
White Bear Lake, MN 55110
USA
tel. 651-407-0011
fax 651-407-0110
www.lasxindustries.com
info@lasxindustries.com
sales contact:
Mr. John Dillon

www.scanweld.com