

*(Press release October 2018)*

**“Landes invests in two fully automated Production Cells consisting of a 5-axis Hermle machining centre and a 3-axis DMG machining centre, both machining centres linked to each other by means of a BMO loading and unloading automation system. The total investment comprises about € 2.25 million”**

Landes High End Machining invests in two Production Cells not only able to handle product pallets but also semi-finished products. This way of working enables maximum flexibility: the BMO automation system can feed the DMG and Hermle machining centres with pallets for the machining of raw material but also can exchange semi-finished products between the machining centres.

The two Hermle C32 machining centres have a Heidenhain TNC640 control unit and a tool magazine of 228 pockets each, a main spindle drive of 18.000 rpm., a working area of 650 x 650 x 500 mm. and a maximum table load of the tandem drive table of 1.000 kg. Both machine centres are equipped with several features for the manufacturing of very tight toleranced and complex products in a fully automated process.

DMG supplies two CMX 1100V 3-axis machining centres that will be fully integrated in the Production Cells. These machining centres are equipped for manual operation and fully automated operation with the Hermle C32 machining centres and BMO automation units. The DMG machining centres have a Heidenhain TNC620 control unit and a tool magazine of 90 pockets each, a main spindle drive of 12.000 rpm. and a working area of 1100 x 560 x 510 mm. Also these machining centres are equipped with several features for the manufacturing of very tight toleranced and complex products.

BMO Automation supplies the automation systems to load and unload the Hermle and DMG machining centres. The Ti180 automation system is a flexible system for loading pallets that can also be combined with semi-finished product loading. The system makes 24 / 7 operation possible both for single items and for random series. The job manager 5.0 software that connects to our MKG ERP software ensures an optimal workflow and downtime for manual loading is kept to a minimum.

The two Production Cells will be installed and set into operation between December 2018 and January 2019.

Landes High End Machining supplies complex mechanical parts and small sub-assemblies to high end industries. Main markets that are supplied are Aerospace, Semiconductor Industries, the Medical market and the Process Industry. Landes is both AS9100D and ISO-9001 2015 certified and employs about 50 highly qualified and well trained people.

For more information you are invited to contact Mr. Herman Koning, Managing Director of Landes High End Machining BV.



DMG CMX 1100V

BMO Ti180

Hermle C32