

**Offer for equipment modernization by means of new software tool – the control system of DRIVECONTROL company**



**Retrofit electro-pneumatic double miter saw for frames production of LIRA Český Krumlov company**

## Benefits of the equipment modernization

- high efficiency
- time and money saving
- operational safety
- minimization of waste material amount
- easy diagnostic and control of effective usage of the machine

**Drivecontrol, s.r.o.**  
 Komenského 427, 664 53 Újezd u Brna  
 Czech Republic  
 phone: +420 544 224 394, info@drivecontrol.cz

IČ: 29367531, DIČ: CZ29367531

[www.drivecontrol.cz](http://www.drivecontrol.cz)

### Advantages for equipment operators

- simplifying the machine control
- instant overview about finished parts of working procedure on display in symbols and figures
- mode for machine parts manual testing, useful in starting the machine after long shutdown or by troubleshooting and IO-mode, displaying the currently switched inputs and outputs
- possibility to add the current user's language, default setting CZ and EN
- exporting the log file in \*.csv format on USB device, containing timestamps for users login and logout, overview of successfully completed cutting cycles in automatic mode and error logs

### The machinery set after modernization

- the machine – miter saw incl. the control panel
- control system, sw equipment
- controlling LCD touchscreen
- BECKHOFF PLC automat
- main switchboard
- barcode reader for easy parameter entry
- USB outlets

Duty

Realistic

Innovative

Visionary

Exceptional

**The control system of DRIVECONTROL company for profiles cutting machine newly allows for:**

#### machine user login

- under access password user/admin

#### profiles cutting cycle in default automatic mode

- loading the required cutting dimensions and time parameters – barcode – by a reader
- profile insertion, automatic measuring of profile width, cutting, comfortable removing of part cutted
- possibility to enter the width of inserted profile manually
- possibility of repeating the whole cutting cycle

#### profiles cutting cycle in manual mode

- manual entering of profiles length and width, manual feeding
- possibility to store the manually set cutting parameters in the memory – program contains 100 memory locations for profiles lengths and 100 memory locations for profiles widths
- possibility of using one-touch buttons – the first eight memory arrays of profile length ev. width

#### precise diagnostics of the equipment operation

- easily accesible information about machine operation – working hours of the machine, of single saws, number of cuts

#### setting-up

- testing of individual machine parts in particular during commissioning

- storing the values of profiles length and width in the system memory
- overview of switched in inputs and outputs in accordance with drawings and the switchboard
- length or width correction in case of inaccuracies in cutting and feeding process
- of individual machine parameters to adapt its operation, f.e. time required for start-up, release the pressure, displacement, remaining saws in position, etc

#### administration

- editing of machine users accounts
- export ev. deleting of logging files with records of individual events and error messages
- service intervals setting
- resetting the machine

*This product is manufactured, tested and operated in accordance with Czech and European directives, harmonised standards, decrees and regulations fulfilling thus the defined security requirements, in particular according to standard ČSN EN 60204-1 ed.2., and technical requirements for machinery equipment according to the European Union Directive Nr. 2006/95/ES.*

*The producer DRIVECONTROL provides 12 months warranty on electric and control parts of equipment, as well as on its individual components.*