

Die Casting Cell Buhler GKS Evolution B66 (Al Alloy)

Machine Description

Make	Buhler
Type	Cold Chamber Die Casting GKS Evolution B 66 D
Year	2004
Machine Number	10397946
Closing Force	660 metric tons
Control System Make/Type	Buhler/Dat@net

Furnace dosing oven

Make	Westofen
Type	W650 SL ProDos XP
Year	2004
Furnace Number	8908
Furnace Chamber Volume	540 dm ³
Operating Pressure	200 mbar
Furnace Max. Temp.	1,000°C
Empty Weight	1.800 kg
Control System Type	PLC Dos,
Lifting and tilting device	

Gerliva 6 circuit Sprayer

Make	Gerlieva
Year	1999

Foundry Robot

Make	ABB
Type	IRB4.600
Year	2004

Trimming Press

Make	Weco
Type	Weco35
Year	2000
Machine Number	240
Control System Type	Siemens, 57

Vacuum System

Make	Fondarex
Type	HV Premium C
Year	2013

Cleaning, painting and new parts (Press)

Complete dry ice cleaning
Fresh epoxy paint
Drain and clean the entire hydraulic system.
Replacement of one Siemens PCB new
2 Hydraulic valves
Complete replacement of the mold oil heater steel piping
Complete replacement of the mol oil heater steel piping protection covers.
Complete replacement of the mold oil heater ball valves
Complete replacement of all the cooling water lines.

Auxiliary Equipments

WESTOFEN OVEN

Complete dry ice cleaning
Replacement and/or fix of all pneumatic: piping, cylinders and valves.
Replace and/or fix electrical cables and connectors.
Start up and fix electronics: HMI, PLC and communication.

SPRAYER GERLIVA

Complete dry ice cleaning
Servomotors refurbish.
Replacement of pneumatic lines
Strat up of the sprayer and sprayer pump
Start up and fix electronics: HMI, PLC and communication.

UNLOADING ROBOT ABB

Complete dry ice cleaning
Start up and fix electrinics : HMI, PLC and communication

TRIMMING PRESS WEKO

Complete dry ice cleaning
Fresh epoxy paint
Start up and fix electronics: HMI, PLC and communication.