

Ford Romania Internship Program

Project Work Plan



Function Name:	Operating Panel with HMI for Line H2 - Destacker	Supervisor Name:	D. Efrim
Department Name:	Maintenance	Supervisor CDSID:	eefrim
Assignment Location:	Stamping	Supervisor Position#:	Maintenance Senior Eng.

Project Description

The Destacker on Line H2, that was manufactured and installed by Stamping Maintenance Team, does not have its own Operating Panel.

All the parameters, settings and errors displaying are made on the HMI of the Press 1 in the line.

We propose to manufacture, program and install an Operating Panel with Siemens HMI, that will be used to set-up the parameters for Destacker Robot, Centering Table, Package Carriers and communication with the Press Line. Also it will be used for diagnostic (alarm view, communication diagnostics, robot diagnostics)

Measurable Objectives

Improve the process by having a better overview and control.

Expected Major Contributions

Use of best practices for HMI implementation and identify new opportunities to improve existing HMI projects in Stamping.

Expected Benefits to Intern

- Decrease breakdown time by better diagnosis
- Decrease set-up time on the line
- Improve control over destacking process

Intern Qualifications (schooling, work experience, major)

- PLC Programmer
- Technical knowledge
- Vision of process