PolyCAST
MULTI TOOL ROBOTIC SOLUTION FOR CONTINUOUS CASTING MACHINES
PolyCAST is a multi tool robotic application to automatize the operation on continuous casting like:
- lancing in case of metal cork
- ladle shroud positioning
- ladle shroud cleaning (oxygen shower)
- T&S lance for sampling and measurement
- Powder distribution

PolyCAST benefits:
Operators can control the whole cycle via CCTV;
Automatic shroud insertion;
Whole cycle time reduction and process optimization;
Dispenser storage tool;
Tundish powder dosing and distribution
AVAILABLE TOOLS:
Shroud manipulator
Temperature & sampling lance
Oxygen lance
Powder dosing tool

PolyCAST is managed by an user-friendly interface:
The control system software provides the following functionalities:
Automation / Robot interface;
Automatic control equipment;
Graphic alarm pages;
Graphic data exchange pages;
Graphic pages of operator manual control;
Use and maintenance manuals.