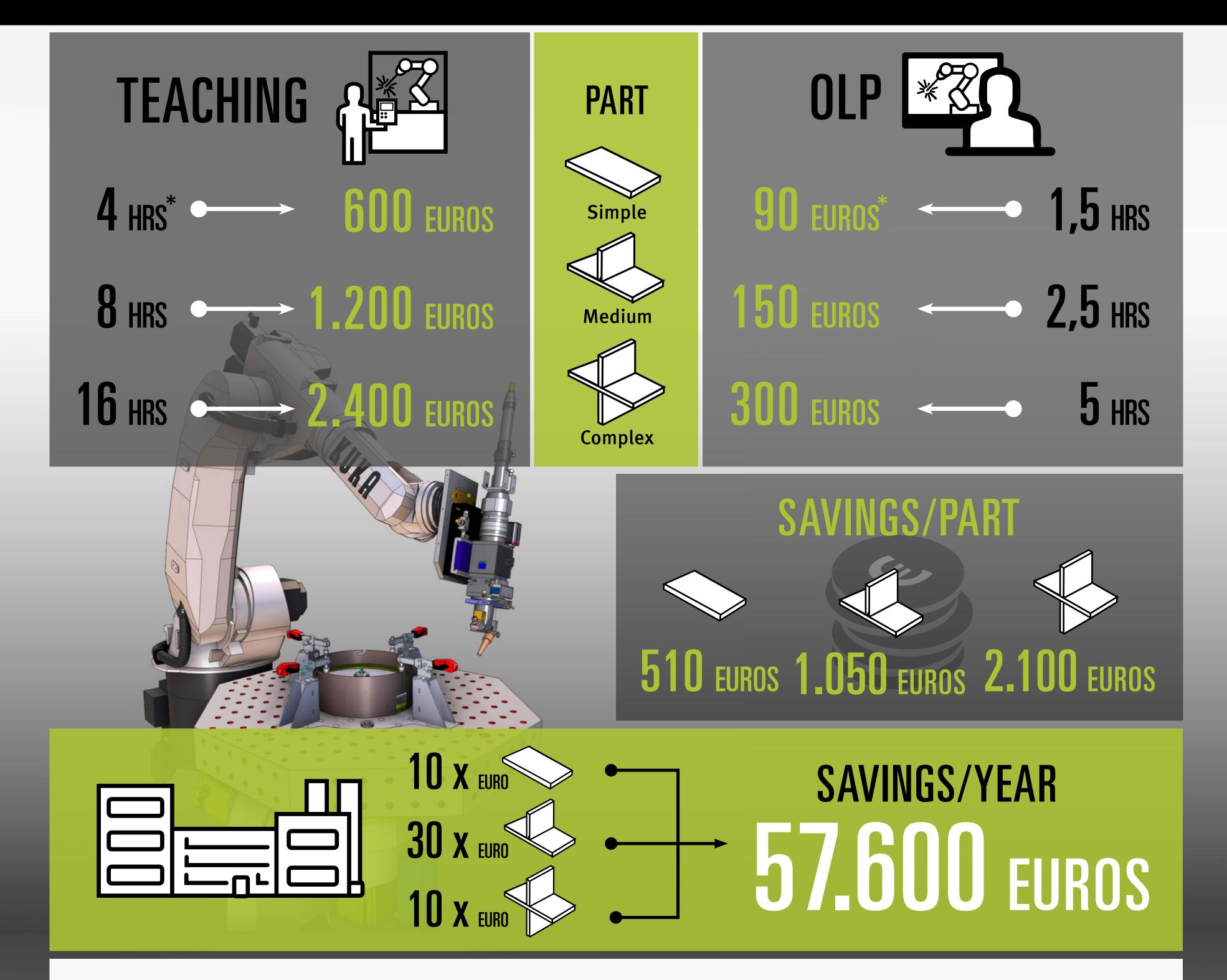
ROI-CHECK: TEACHING VS OFFLINE PROGRAMMING

EFFICIENT SETUP OF LASER WELDING SYSTEMS



INTRODUCTORY COSTS FOR OFFLINE PROGRAMMING (OLP)

The introduction of offline programming assumes an investment of approximately 50,800 euros over a period of three years. This amount consists of around EUR 33,600 in fixed costs (calibration of a cell with a robot, software

implementation, training of two members of staff) and EUR 17,200 in variable costs (software licences, annual software maintenance, wages). Calculation of the ROI refers to the production of 10 parts of low complexity, 30 parts of medium complexity and 10 parts of high complexity per year (as shown in the example above).

