

Metal Forming Technologies (8h) laboratories activities at Alessandria Campus

Activities/workshop	Strumento/Macchinario	Azione studente
Metallic powders pressing	Press	Use dello strumento use of the equipment
Green density assessment and mechanical testing on densified samples	Archimedes scale Charpy Hammer Tensile Machine	use of the equipment
Metallic powders atomization	Gas atomizer	Observation of the process
Physical and Chemical assessment of powders	Hall and Cartney flowmeter Powder Reometer – LECO analyzer	Observation of the process
Hot isostatic pressing	Quintus HIP	Observation of the equipment and of real component processed with HIP

Pictures of the pieces of equipment available during the workshop

