

A further DAVI PLATE ROLL selected to build JPL-NASA technologically advanced products

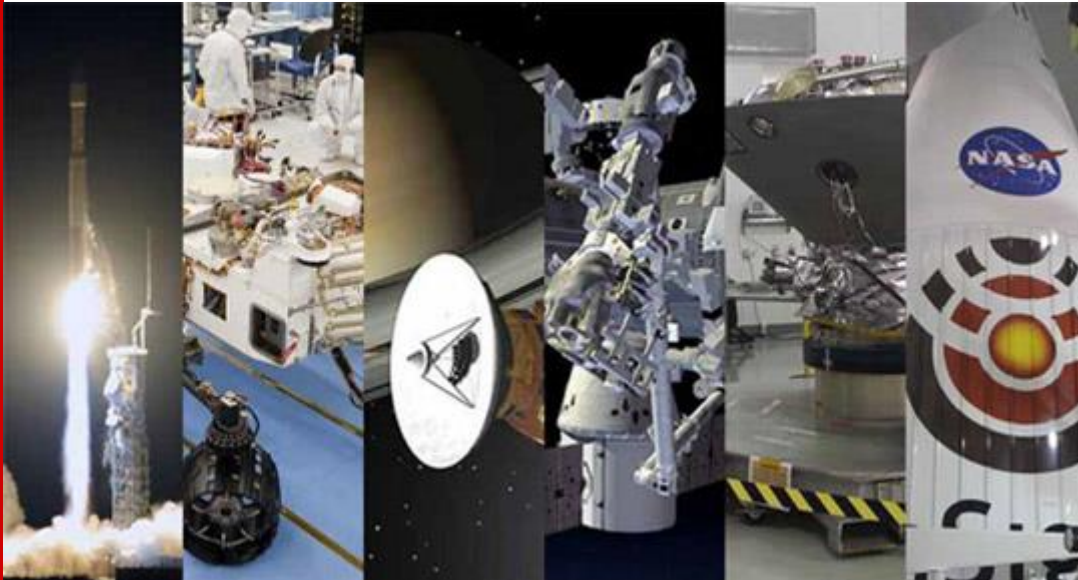


Jet Propulsion Laboratory California Institute of Technology

JPL (Jet Propulsion Laboratory), the most advanced “workshop” in the world, in Pasadena California, is where NASA builds its aerospace machines, devices, accessories and develops and tests its new ideas, discoveries, prototypes, requires always the most technological equipment to build its innovative products.

Some time ago, JPL looked for a new plate bending machine to roll cylinders and cones as parts of new devices to be manufactured in Pasadena.

After a tough selection, JPL chose the Italian Technology and high performance of DAVI plate bending roll, to round plates up to 2,000 mm wide and up to 10 mm thick, in steel, titanium, high resistance aluminum, as well as alloys, to build its parts of spacecrafts, special planes, special helicopters, nacelles, boosters, rovers, telescopes, drillers, and many other parts of the machines launched for space exploration.



The machine, a hydraulic CNC controlled DAVI 4 roll, is equipped with an innovative Hydraulic Deflection Compensation (HDC) device to form with the highest accuracy the JPL cylinders and cones.

Furthermore, the “brain” of the system is the new “iRoll-Computer-CNC” (developed and patented by DAVI), allowing JPL to get aided-programs to roll parts, and many supports and helps to the operator, as a new “Assisted-Rolling-Management” similar to the “Self-Driving” developed by the car-makers.

The DAVI “MCA 2020” was positively tested and has been accepted by JPL-NASA, satisfied with the performance, the high accuracy and the level of advanced technology DAVI fed in its newest plate roll.

“With this new plate roll been supplied to NASA, we are perpetuating the tradition started over 10 years ago – said Orazio Davi, President of the Company –, which confirms the satisfaction of NASA for the DAVI machines technology, performances, accuracy and reliability, as well as the strong relationship between the American Space Agency and our Company. As a result of this long term relation, we proudly announce the possibility to install in any of our plate roll machines the newest Numeric Control “iRoll”, now available worldwide.”



The new 4 roll DAVI inside the JPL-Nasa workshop in Pasadena - California with a successfully rolled part, at the right, on the floor.



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