

Video: European Robotic Arm ready for space

July 8 2021



Credit: Pixabay/CC0 Public Domain

The European Robotic Arm (ERA) will be launched to the International Space Station together with the Russian Multipurpose Laboratory Module, called 'Nauka'. ERA is the first robot able to 'walk' around the

Russian segment of the Space Station. It has the ability to anchor itself to the Station and move back and forward by itself, hand-over-hand between fixed base-points. This 11-metre intelligent space robot will serve as main manipulator on the Russian part of the Space Station, assisting the astronauts during spacewalks. The robot arm can help install, deploy and replace elements in outer space

ERA is 100% made-in-Europe. A consortium of European companies led by Airbus Defence and Space Netherlands designed and assembled it for ESA. The [robotic arm](#) is largely funded by the Dutch government.

Provided by European Space Agency

Citation: Video: European Robotic Arm ready for space (2021, July 8) retrieved 21 May 2024 from <https://phys.org/news/2021-07-video-european-robotic-arm-ready.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--