

DAX, NOVA DYNAMICS
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DAX SPECIFICATIONS

SYNOPSIS / ABOUT

Dax is a human-space robot that was designed from the ground up to work closely with people. Unlike other approaches, he was created to be non-threatening and engaging. As a result, he is the only urban robot with an articulated neck and two eye cameras rather than the more common "cameras everywhere" approach. He uses treads, instead of wheels, which enables him able to go anywhere even in the snow and mud. Dax is one of the few robots to have a climate-controlled cargo compartment.

Dax is made in the USA and largely fabricated here in Oregon. Dax is electrically powered, pollution-free, and most of his bulk is recyclable materials. We do import some parts (e.g. the rubber treads) but only when necessary.

SPECIFICATIONS	DAXBOT (HELIUM CLASS)
System	ANSI/RIA R15.206 compliant
Cruising speed	6 km/h (3-4MPH)
Cargo capacity	0.5 m ² , 10kg
Cargo by climate control	-5C to +70C
Range	8km (4km out and back)
Fuel	Quick-change "smart" battery pack
Propulsion	4.5-inch all-terrain treads
Temperature	-20°C to + 40°C
Wind	9 m/s
Uneven terrain	Potholes up to 10cm deep
Weight	50kg/110lbs
Programmed in NodeJS	
Nodular real-time control system makes attachments (arm, etc.) modular	