

DAXBOT
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DAX SPECIFICATIONS

SYNOPSIS/ABOUT

Dax is a human-space robot designed from the ground up to work closely with people. Unlike other approaches, it was created to be non-threatening and engaging. As a result, it is the only urban robot with an articulated neck and two-eye cameras rather than the more common "cameras everywhere" approach. It uses treads instead of wheels enabling it to travel in rocky terrain as well as indoors or on sidewalks.

Dax is also among the few robots with a climate-controlled cargo compartment. It has an adjustable refrigeration cargo bay for cooling items and an interchangeable heated cargo bay for warm items.

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

| FUNCTION | SPEC SPECIFICATIONS |
|---------------------------------------------------------------------|---------------------------------------------------|
| Cruising speed | 6 km/h (3.7MPH) |
| Cargo capacity | 0.03 m ³ , 10kg |
| Cargo climate control | Up to 70C (refrigerator variation also available) |
| Range | 4-16km (multiple battery options) |
| Fuel | Quick-change "smart" battery pack |
| Propulsion | Two smart treads |
| Temperature | -20 °C to + 40 °C |
| Wind | 9 m/s |
| Uneven terrain | Potholes up to 10cm deep |
| Weight | 50kg/110lbs |
| Programmed in NodeJS | |
| Extensible "Nove Node" system makes attachments (arm, etc.) modular | |
| ANSI/RIA R15.206 compliant | |