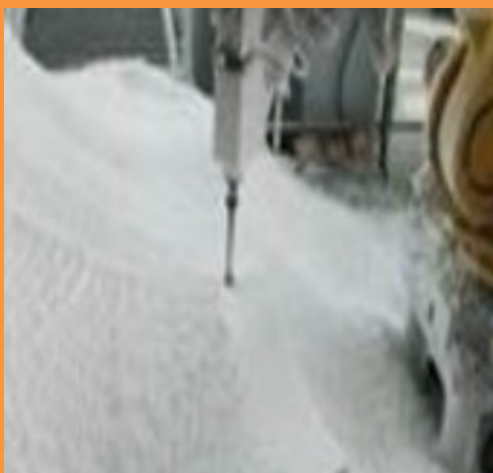




GRINDING



MILLING /
DEBURRING



POLISHING

SMART INTEGRATION



A TOOL FOR ALL TASKS



WELDING



PLASMA
CUTTING

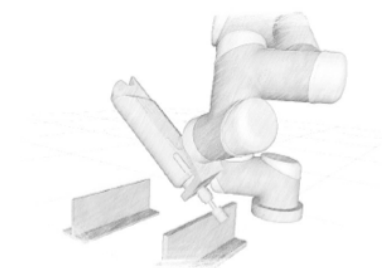


DISPENSING

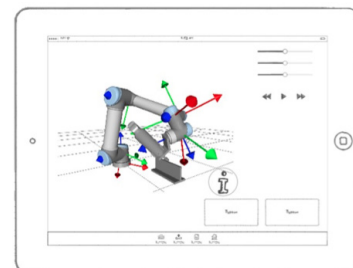
PATHFINDER UI

SCAN. EDIT. PERFORM.

PathFinderUI is the intuitive user interface that enables everyone to use robotic arms as tools for all tasks.



PathFinderUI offers you an intuitive user interface for programming the PathFinder Units: Simply scan, edit the scanned surface and press perform.



No matter what task you are working on, the PathFinderUI ensures complete control and quality assurance. Productivity and simplicity are keywords in our app design.



Running on a hardened tablet suitable for an industry environment, PathFinder is rugged enough to get up close and personal with any given task. Ease of use translates into higher productivity and lower costs. Our end goal is to improve your bottom line and make your customers satisfied.



SCAN
1 MIN.



EDIT
**SELECT A
SURFACE
1 MIN.**



PERFORM
1 HOUR

PATHFINDER SOFTWARE

PathFinder Light and PathFinder Cloud are the software solutions that will enable you to easily automate industrial processes with any industrial robot arm. The PathFinder software licenses are all you need to start automate on your own. The PathFinder software enables you to teach and instruct the robot system what to do using CAM and 3D vision. Load G-code directly and enjoy the features of offline CAM software.

PATHFINDER CLOUD

LICENSE COVERS:

PathFinder Cloud license is renewed annually and covers one application process on one robot system. This gives you the flexibility to invest incrementally and customize your Path-Finder solution with the number of licenses you need. With the PathFinder Cloud license you get:

- 100 times the performance through parallel processing.
- Free software updates when available.
- Remote support.
- Industry 4.0 readiness through IoT and clouding services.

The online clouding services allows you to store and save the data from your work which enables you to:

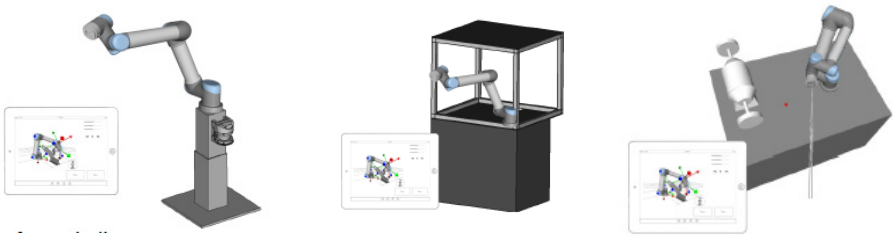
- Save value process knowledge inside your company.
- PathFinder Cloud allows optional integration with third party systems: Connect to other software management systems to automatically synchronise your work with your ERP-, stock-, economy system etc.
- Keep track of your production statistics.

PATHFINDER LIGHT LICENSE COVERS:

PathFinder Light is a one-time-fee license that covers one application process on one robot system. As with PathFinder Cloud this gives you the flexibility to invest incrementally and customize your PathFinder solution with the number of licenses you need.



PATHFINDER TOTAL SOLUTIONS

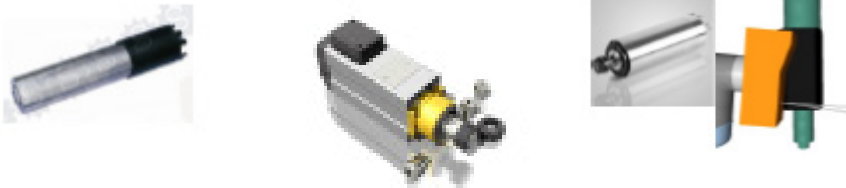


Surface grinding and polishing of large constructions. SICK scanner, movable base

5-7 axis milling, engraving, deburring cell. Tool in hand

Polishing station. Part in hand. Integrator handles fixture.

Rol/Repayment Period	n/a	1.6 year ROI (1-shift) 0.8 year ROI (2-shifts)	n/a
Mobility	Total mobility/robot system dependant. Relocatable	Stationary.	Stationary.
Standard measurments	n/a	n/a	n/a
Safety	Sick laser scanner, programmable	Mechanical enclosure.	



Tool unit	Milling, Deburring*, polising, grinding, Engraving	Milling, Deburring*, polising, grinding, Engraving	Milling, Deburring*, polising, grinding, Engraving
Tech specs	600W ATC Spindle, ER11 8000-24000 RPM	1kw Spindle, ER11 8000-24000,	2kw spindle, ER11 8000-24000 RPM
Workable materials	wood, plastic	wood, plastic	n/a

SOLUTIONS FROM CP ROBOTICS ENABLES EVERY- BODY TO USE ROBOTIC ARMS AS TOOLS FOR ALL TASKS

CP Robotics is a spin out from the University of Southern Denmark. Robotics is in the DNA of the Region of Southern Denmark. Several robotics technologies, such as Universal Robots, originate from the region.

We are proud to build on the efforts of the regional companies that aim to make robots valuable tools to everyone. We strive for perfection in order to enable you to automate small series production without relying on resources from highly skilled engineers. We believe this is the only way the robotic technologies will be able to help you improve your strengths.

WHY **PATHFINDER** SOLUTIONS FROM CP ROBOTICS?

Small series production:

Fast re-configuring, enable cost-effective automation of one-of-a-kind manufacturing. PathFinder solutions offers reduced risk and swift ROI in spite of ever changing production lines. It increases competitiveness on small series manufacturing and allows manufacturers to backsource many of the processes that have been outsourced. PathFinder is robot manufacturer independent.

Skilled workers automate processes themselves:

80% of an industrial process assignment; that is performing the process as such, will be automated with PathFinder. The remaining 20% is the skilled worker's knowledge on how to perform the process. This knowledge is needed to teach, adjust and instruct the robot accordingly. Your company's valuable expert process knowledge will remain inhouse and will not be shared with externals.

Eliminate health risks:

Many process assignments are very hazardous and harmful for humans to perform. PathFinder reduces the need for manual processes since the workers only need to teach the robot to perform certain task and can thereafter let the robot do the rest. It thereby increases safety significantly.

Hazardous processes include polishing, grinding, milling etc. that can cause work related health problems such as hand-vibration syndrome (HAVS) and lung diseases. These health problems can be avoided by making robots do all the exhausting and dirty work. Finishing touches, that are less hazardous, can afterwards be applied by skilled workers.



www.corepath.dk
contact@corepath.dk