PALLY

Palletizing software
for Universal Robots

"After a few setups, we came to the point where installation, SAT and FAT could be performed on site the same day. The only preparation was computer simulations"

KAMELEON gruppen

Emil Nissfolk, Kameleon group,
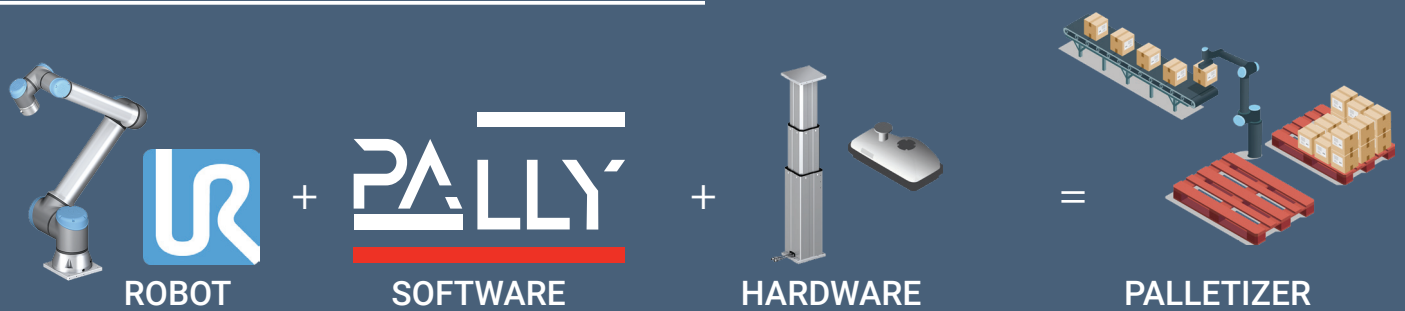UR integrator and development partner of Pally

ENABLING SCALABLE PALLETIZING SOLUTIONS

Pally is the missing link for rapid deployment of a complete palletizing solution. You can use grippers, sensors and other hardware of your choice to rapidly build a high performing, customizable and easy to sell palletizer.

PALLY, a Rocketfarm product.

ROCKETFARM

THE PALLETIZING RECIPE

UR ROBOT + **PALLY** SOFTWARE + HARDWARE = PALLETIZER

YOU NEED:
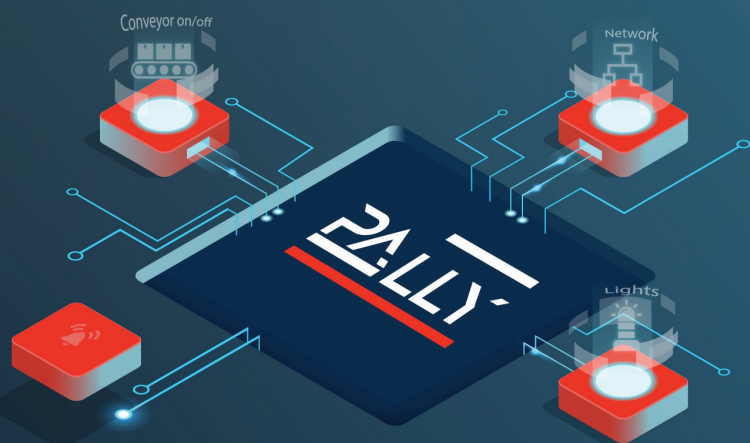A UR 10-ROBOT - THE PALLY URCAP - A MOUNTING BASE
GET STARTED! - A GRIPPER
- TWO PROXIMITY SENSORS

OPERATIONAL FOR YEARS

Pally has been developed over a span of 4 years to perfectly fit the needs of both integrators and end users. It is used for a wide range of products varying from beer to pallet parts (yes, there exists a palletizing robot, palletizing pallet-parts on a pallet factory). And so far, no palletizer running Pally has been shut down or replaced by other alternatives.

With both integrators and end users completely satisfied in our local market, Pally is now ready for the world based on the same successful setup as home.

Pally works out of the box, while still being highly flexible for customization.

CUSTOMIZE IT!

While much of the palletizing task can be standardized, palletizing is usually more complex than it seems. Pally works out of the box, but is made with integrators in mind.
Add sensors, insert custom scripts or code that can be triggered at key events of the palletizing operation (callbacks).

FEATURES

COLLABORATIVE
Using the market leader of collaborative robots, Universal Robots. The solution is collaborative and can work next to people.

SHORT INSTALLATION TIME
Pally is up and running within one day. Grab a cup of coffee and run through our installation wizard, and you will be up and running in no time.
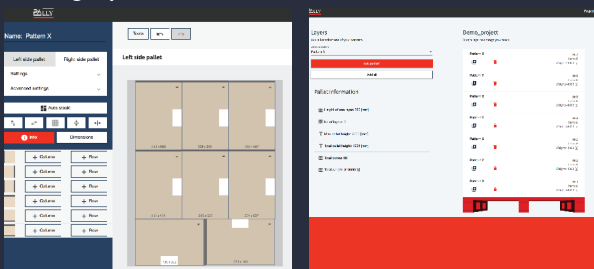
HIGH PALLETS
Pally has generic support for lifting columns, where Ewellix columns are supported natively with no programming required. Pally can deal with heights up to 2,14m (84") on both EUR and US pallets.*

HIGH CAPACITY
Double gripping, optimal path planning and smart rotations. These features optimize capacity and cycle times without increasing the speed of the arm, giving you the fastest cobot palletizer on the market, with up to 20 boxes/minute.*

CUSTOM PATTERNS
-with easy to use interface
Create any box pattern you like in our user -friendly interface, and export it by USB to the robot. No programming needed to change patterns!

SMALL FOOTPRINT
Depending on which hardware you choose to run with, the footprint can be as low as 0.2m². Align the pallet with the hardware of your choice, or just go by paint on the floor.

SHIM PAPER ROUTINE
In the Pallet Builder, you specify where you want your shim papers. When the robot hits this stage of the process, it triggers a routine you implement yourself to lay down the shim paper.
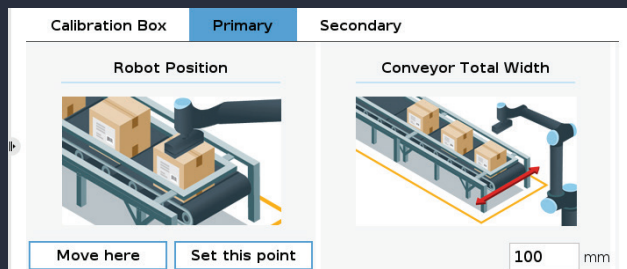
CALLBACKS
Customize it! Add sensors, code or scripts at certain events during palletizing. Do you need for the robot to communicate over OPC-UA? No problem, we offer that too in a separate UR-cap.

CHOOSE YOUR PREFERRED HARDWARE
Do you prefer one gripper over another? Do you have a special deal on proximity sensors? Pally works with your preferred HW!

EASY WIZARD CALIBRATION
We have made a great effort to make the setup easy. Our step by step calibration wizard is completed before you have emptied your cup of coffee!

*depends on pattern, product, lifting colum and gripping configuration

CASE STORIES

ÆGIR CRAFT BREWERY
Ægir is the name of the Norse god of the sea who it was said brewed the world's best beer. Deep in the Norwegian Fjords, we find a successful craft brewery by the same name, founded by Evan Lewis from New York and his Norwegian wife Aud. At the end of their production line is "Stacky McStackface", a palletizing-robot powered by Pally.

"Stacky is an extremely popular co-worker for our employees, and our visitors." says Evan.

"Previously, every worker had to step in and help palletizing. Now they focus on other tasks making production more efficient. At first, I almost wondered if I had made a big mistake. The employees would stop working to watch the robot, but it soon became obvious that having Stacky in place was a greater relief to the workers than I had thought. I remember my packaging manager came and told me he would have eventually quit his job if it was not for Stacky."

- Evan Lewis

KAMELEON GROUP
For the last year, Kameleon has been the integrator development partner for Pally. It has resulted in multiple installations so far, and counting. The rapid deployment and flexibility of the system has made Pally a success for them.

"For many, palletizing seems like a simple task to automate. However, there's always something that makes the projects different. Pally offers that flexibility both in first time installation and in the support phase if the client needs to change their products or production layout. Easy for us, cheaper for the client."

- Emil Nissfolk

ABOUT ROCKETFARM

Rocketfarm was founded in 2008 and was one of the first companies to be listed as a preferred UR developer. Since 2012, we have developed software expertise for the Universal Robot, using it for simple tasks like a bottle opener, but also for extremely complex systems, like a real-time controlled robot-tripod for TV cameras during Live Broadcasting.

We are located in the small town of Sogndal, Norway, by the world famous fjord of Sognefjorden. If you would like to visit, you are welcome!

GET A FREE DEMO

Contact us and get a free demo license for Pally!

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