

”We love our Yaskawa Levanto sheet cutter robot-cell”

Says Scandinavia’s leading and most innovative commercial printer Stibographic AS in Horsens, Denmark



*Robotizing
the printing
industry*



One year with Yaskawa Levanto



If all sheets were put on top of each other the length of the pile exceeds half of the distance to the normal flying altitude of the new Airbus A380.

The joint weight of all sheets during the year corresponds to roughly 4,000 tons – or the weight of 8 of the new Airbus A380 jumbo planes.



In the past 12 months Yaskawa Levanto at Stibo Graphics has processed more than 5 kilometers of sheets on pallets. If Yaskawa Levanto had not handled all these sheets, the operators of Stibographic should have done it!

Specifikations

Yaskawa Levanto contains of the dual-arm Motoman SDA 20 robot, grippers, socket, lifting- and vibration-table as well as the Yaskawa Cockpit touch-screen and PC.

The Yaskawa Levanto robot-cell	
Robot plus socket	
Controlled axes	18
Payload	30 kg
Max sheet-size	76*106 cm
Min sheet-size	50*70 cm
Max stack thickness	40 mm
Robot+socket weight	800 kg
Control system	Yaskawa
Lifting table	
Max sheet-size	76*106 cm
Height, pallet+pile	135 cm
Vibration table	
Max sheet-size	80*114 cm
Max stack-height	16 cm

Under normal production conditions the capacity is approximately 4 pallets per hour (40"/3B, pile height of 90 cm).

Production capacity depends on substrate, image and general conditions in the pile (temperature, humidity etc)



Yaskawa Levanto separates, airs and moves a ream of sheets from a pile to a vibration table. This releases the operators Johnny Larsen and Jan Erik Grandahl from this heavy work.



The true words of the operators



Jan-Erik Grandahl

Every day I think about the quantity of paper, which I no longer have to separate, air and lift.

”Robert”, as I call the robot, has given us a really 1 man operated sheet cutter line. Robert handles all the heavy lifts, and the pallet magazine and automatic pallet change now gives me the flexibility to prepare the workflow and collect and deliver pallets in the most optimal way.



Johnny Larsen

With every new job, I just have to make a few corrections on the screen *and then Yaskawa Levanto handles the rest – while I think about how many sheets I do not have to separate, air and lift.*

I take things as they come, and I am used to the heavy lifts, but having Yaskawa Levanto to handle the majority of all the heavy lifts is a great relief, especially with all the heavy UV-coated magazine covers, which we handle at Stibographic.



Mogens Christensen

Now I am not worn out when I finish my job.

I am in general not so familiar with sophisticated technical solutions. But after some training and running in adjustments to our requirements I have totally changed my opinion. It is impressive how easy it is to work with Yaskawa Levanto, and I often say to myself, my God, how many heavy and unhealthy lifts does this strong helper prevent me from doing.

at Stibo Graphics

”Yaskawa Levanto is God’s gift to sheet cutter operators”



Jan Jakobsen

In my opinion Yaskawa Levanto is God’s gift to sheet cutter operators. It took me some time to discover the real potential of Yaskawa Levanto, but when I did I got really impressed. Today I produce more than 95% of my jobs with the robot, and I have not really found anything it could not do with the correct preparations from my side.



Poul Mikkelsen

I am extremely pleased about how Yaskawa Levanto has opened our veiw on automation and robotization.

Our objective with Yaskawa Levanto was productivity, but we also realized that to protect and maintain our skilled operators at the sheet cutter lines, we had to do some-thing about the heavy lifts.





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Graphic Robotics is a company specialized in R&D, production, marketing and support of Yaskawa's industrial robots for the printing industry. Graphic Robotics was established in July 2016 by partners participating in the development of Yaskawa Levanto, which is the first robot system in Graphic Robotics product line.

Yaskawa Levanto is developed by Yaskawa Nordic in in close a cooperation with The Danish Technological Institute, Cool Graphics and specialized companies within robot-system R&D and manufacturing.

Our systems have, through a network of local graphic organizations, qualified service and support around the clock.

For more information

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