

Application Success Stories

Toyota Material Handling Manufacturing Sweden AB (TMHMS) Forklifts and handling solutions

TOYOTA

MATERIAL HANDLING



Retrofit

Reliability

Reproducibility

Application Success Stories



Application Success Stories

Installation Key Data

Parts:

Parts for Forklifts

Parts size:

H not specified

W not specified

L not specified

Conveyor speed:

V Intervall with 2 robots per booth

Retrofit of 3 MagicCylinder, including:

1 x OptiFlex A2 2-G

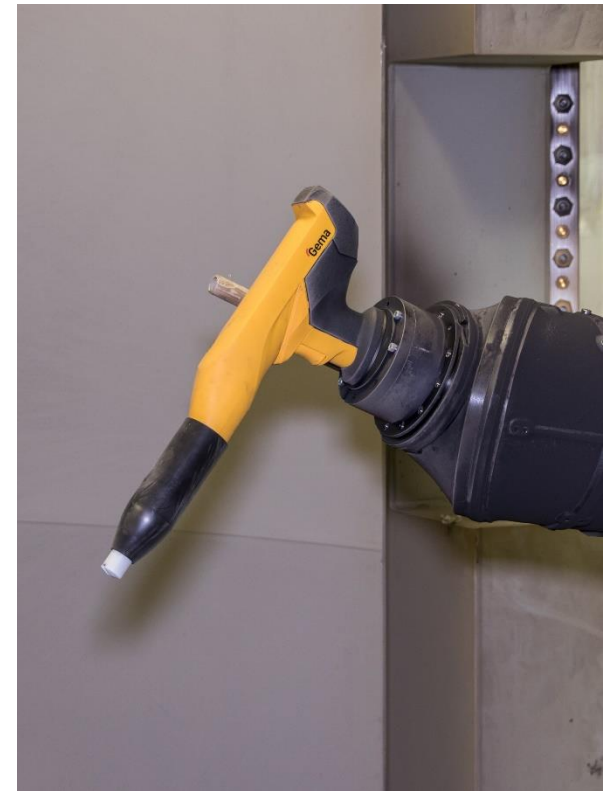
2 x RobotGun GM03-R

1 x Control system CM-30 MagicControl

2 x Powder Pump AP01

1 x HF02-100 Powder Hopper

Additional 1 x OptiCenter on Line 3



Application Success Stories



Toyota Material Handling Manufacturing Sweden AB (TMHMS) is part of the Toyota Material Handling Group which is the material handling division within Toyota Industries Corporation. Since 1946 forklifts and material handling devices are produced in Mjölby, Sweden. 85'000 forklifts are leaving the factory per year and exported all over the world.

TMHMS has been user of the MagicCylinder booth since the introduction of this legendary product from Gema. Three lines dated from 2001 and 2006 are equipped with two coating robots each, fitted with Gema robot guns.



The robots had to be replaced due to the lack of electrical spare parts. In this process decided TMHMS to retrofit the application the same time as well and to go for the application pumps AP01 from Gema.

Two MagicCylinder are coating parts in black only. These lines were equipped with MagicControl, single color powder hoppers and application pumps AP01. As Gema launched the new robot gun GM03-R in May 2016, TMHMS decided to exchange the old gun for the latest generation. The result is a very reliable coating performance and a smoother surface compared to the older gun types.



Coating line No 3 is dedicated to various colors, mainly orange and green. This line has been upgraded with an OptiCenter with application pumps AP01. This solution enables TMHMS to fulfil specific customer needs within short time and at low cost.

After the retrofit process, the MagicCylinder booths from 2001 and 2006 are updated for the future and will fulfil the demands of TMHMS for even higher and more versatile production. The reliability of the application pumps AP01 and the reproducible coating performance are the key to the high product quality which TMHMS is known for.

Application Success Stories



Application Success Stories

