sat
SurfaceAluminiumTech

Gema

VISICOAT

Automation in
Vertical Powder Coating

Introduction

SAT Introduce
important in
control of th
coating proc
introduction
The unique
System developed specifically for vertical
coating lines!

Thanks to a close collabora
and GEMA, **VISICOAT is ab**
the cross section of the p
conduct the coating proc
through our sophisticate

Thanks to its self-learning
integration with GEMA's po
equipment, the coating pro
mixed selection of profiles,
excellent productivity, powd
process repeatability.
VISICOAT eliminates the ne
intervention, reduces risk, a
and provides an excellent s
automated error free coatin
selection.

Let's make a step towards

VISICOAT

READY...
SELF RECOGNITION OF EACH PROFILE LOADED
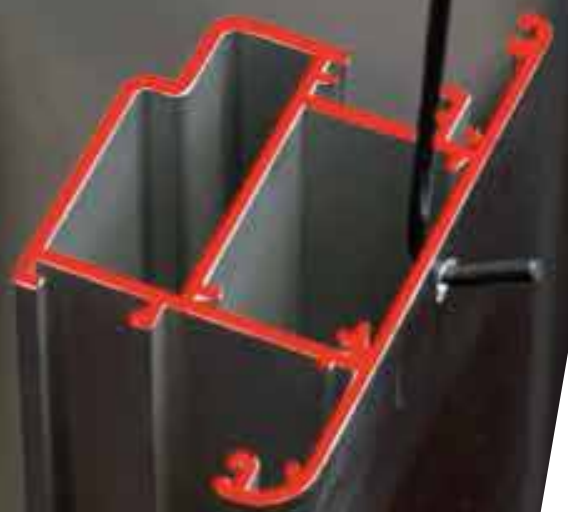
...SET...
AUTOMATED SELECTION OF COATING PARAMETERS

...COAT!
AUTONIMOUS MANAGEMENT OF BOOTH PARAMETERS

VISICOAT
Advantages

**SIMPLICITY &
BETTER WORKING CONDITIONS**

PRODUCTIVITY & SAVINGS

**REPEATABILITY – QUALITY -
TRACEABILITY**

Advantages:
SIMPLICITY & BETTER WORKING CONDITIONS

VISICOAT

NO NEED OF EXPERT PAINTERS:
self recognition of the profiles and self setting of the coating parameters

NO METICULOUS SCHEDULING OF THE PRODUCTION
(you can easily modify the production plan adding a last minute batch)

SIMPLICITY

FULLY INTEGRATED with **SAT** coating booth and **GEMA** Electrostatic equipment

NO STRESS:
anticipation and self-selection of the coating setting just after loading

MORE COMFORTABLE:
reduced demands on plant operators, no request of high concentration or visual control of the booth

BETTER WORKING CONDITIONS

ANTICIPATION OF ALL COATING'S PARALLEL ACTIVITIES
(indication in advance of quantity of powder boxes required to support the coating process)

Advantages:
PRODUCTIVITY & SAVINGS

GAPS ON THE LINE AVOIDED
(usually left for manual setting of the guns)

SELF SETTING OF THE LINE SPEED
(for best coating quality according to profile shape)

PRODUCTIVITY

SELF SETTING OF A LINE'S CRUISE SPEED (when empty)
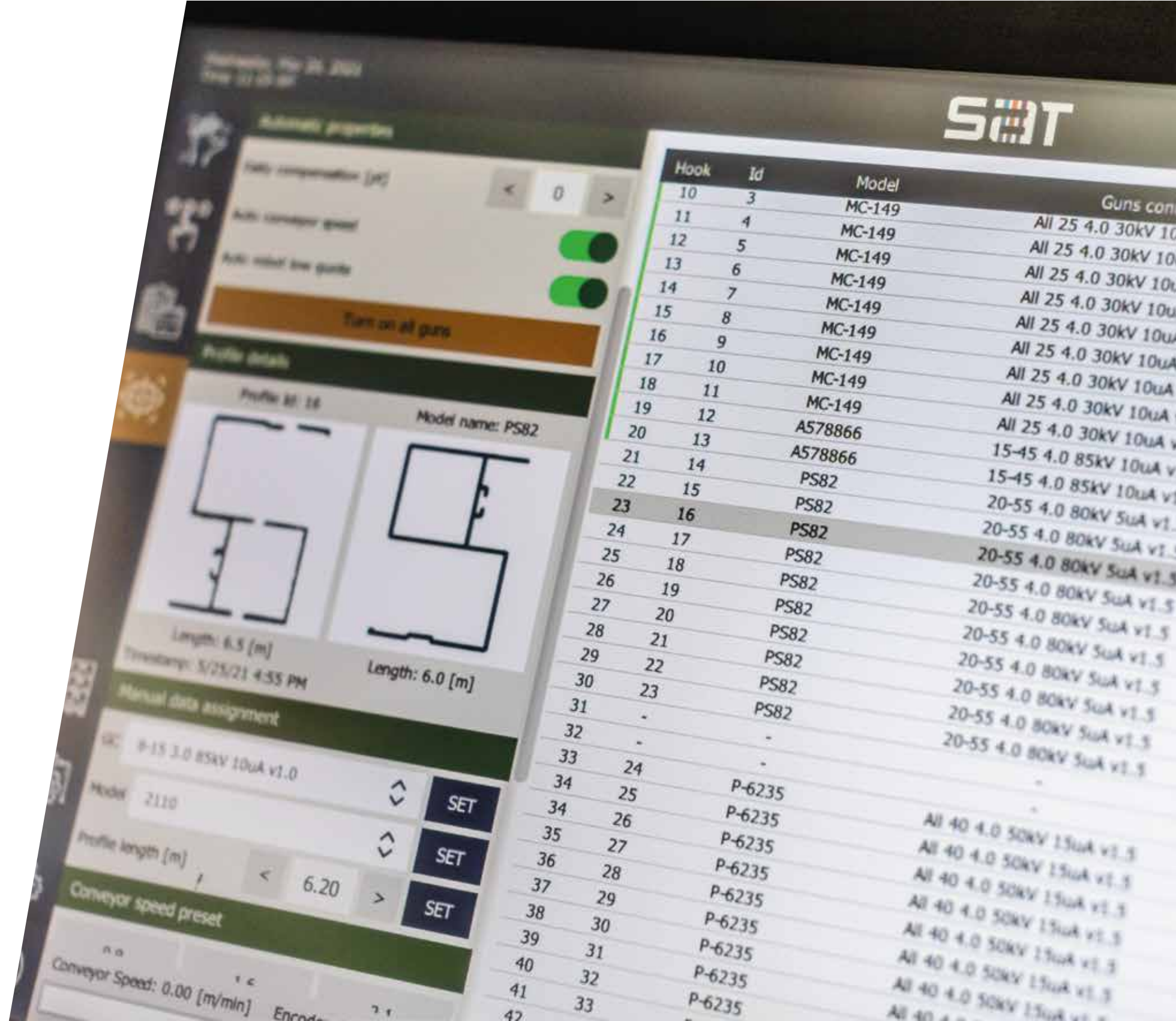
SELF ACTIVATION OF THE GUNS
(only when the profile is detected)

SELF SETTING OF THE RECIPROCATOR STROKE ACCORDING TO PROFILE LENGHT

SAVINGS

CONTINUOUS SELF ADJUSTMENT AND OPTIMISATION OF THE COATING PARAMETERS
(managing mix of profiles inside the batch)

Advantages:
REPEATABILITY – QUALITY - TRACEABILITY

VISICOAT

ALWAYS SELF SELECTION
of the most appropriate
COATING RECIPE

RECIPE DEFINED
for one single profile shape
or by coating family

REPEATABILITY

ALWAYS CORRECT COATING RECIPE ALLOCATED
(regardless the coater in the booth)

QUALITY

REALISTIC REPRESENTATION
of how the line is loaded

WORKS AS A DATABASE
storing coating parameters for every single
profile (IMPROVED QUALITY CONTROL)

TRACEABILITY

sataluminium.com

SAT | Surface Aluminium Technologies S.r.l.
Via Meucci, 4 | 37135 Verona | Italy
T 0039 045 828 0601
F 0039 045 821 3937

Gema
gemapowdercoating.com

GRACO
graco.com