



AUTOMATED & MECHANISED FIELD JOINT COATING CREW

IPLOCA NEW TECHNOLOGIES AWARD SPONSORED
BY BP



IPLOCA

INTERNATIONAL PIPE LINE & OFFSHORE
CONTRACTORS ASSOCIATION



DESCRIPTION OF THE NEW TECHNOLOGY

New automated and mechanised assembly aims to improve:

- the implementation according to the environment encountered on the application site,
- the consumption of the product used,
- the rate of reproducibility and the speed of realization,
- the final quality of the anticorrosion coating applied,
- the safety of operators and the protection of the environment.

The automated and mechanised assembly comprises the following:

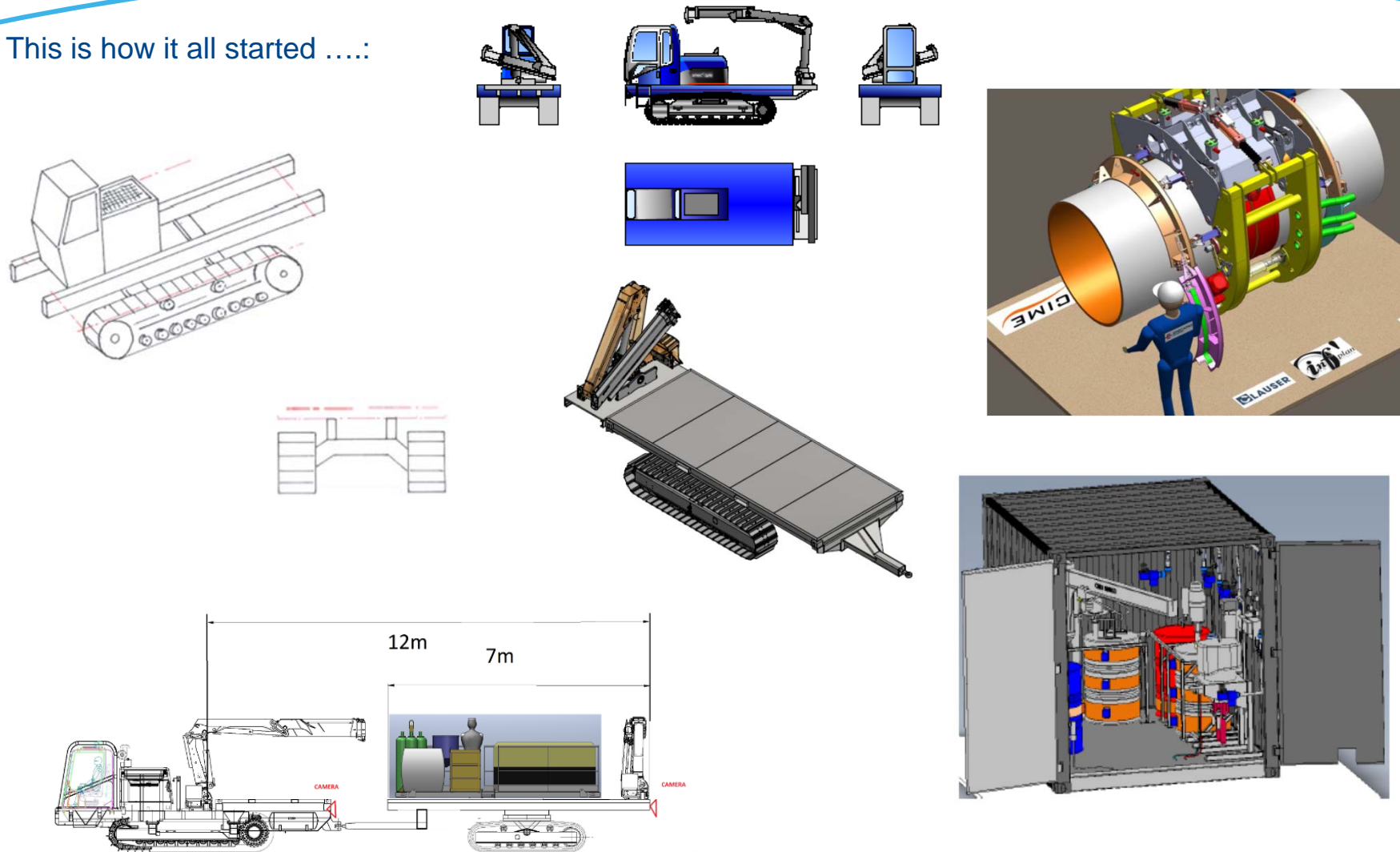
- dedicated multi-purpose tractor;
- newly designed tracked trailer with jib crane;
- newly designed automated aluminum spraying ring with control unit;
- newly designed automated mixing container.

All combined in a new state of the art FJC crew dedicated to the application of high technology FJC products.



DESCRIPTION OF THE NEW TECHNOLOGY

This is how it all started



AUTOMATED & MECHANISED FIELD JOINT COATING CREW



ENTIRE FIELD JOINT COATING CREW



FIT FOR PURPOSE DESIGNED EQUIPMENT « by SPIECAPAG »

ALUMINUM AUTOMATED COATING RING
by SPIECAPAG - 2015



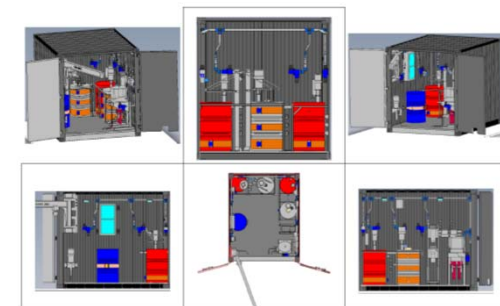
MIXING UNIT
by SPIECAPAG - 2015



TRACKED TRAILER WITH JIB CRANE
by SPIECAPAG - 2015




MULTI-PURPOSE TRACTOR
by SPIECAPAG - 2004



LANDMARK PROJECTS TAP ALBANIA & GREECE 2016-2018



Description	TAP – GREECE – ALBANIA
Length / Diameter	180 km x 48" 235 km x 48" + 7km x 36"
Client	TAP 
Pipe wall thickness	17,48 / 20,97 / 24,88 / 30,85mm
T° (Design)	-20°C to +60°C
Blasting finish	SA2,5
Pre-heating	Induction 60°
Product	Protegol 3255PN / 3260 Minimum thickness 1,5mm
Parent coating	3LPE – 3,8mm thickness
Application method	Automated coating ring & manual spray
Peak production	60 joints (one crew)