

FFT *hemtec*
VersoM

one step ahead in **INTELLIGENT** production systems



1

FFT*hemtec* VersoM

System and Components

2

FUNCTIONAL DESCRIPTION

Hemming Process Description

3

VERSIONS

System Versions

FFT*hemtec* VersoM
Manual Wheel Arch Hemming System

1

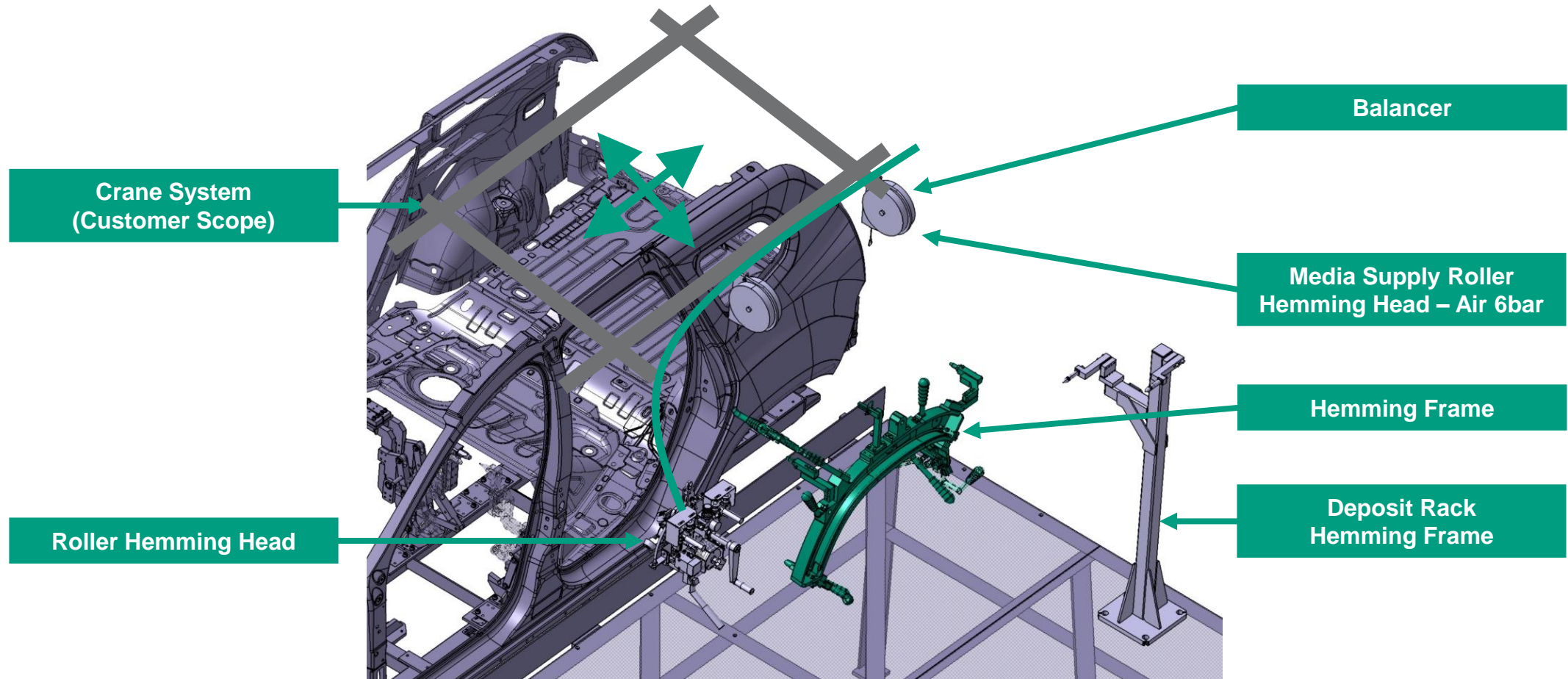
FFT*hemtec* VersoM

System and Components

one step ahead in **INTELLIGENT** production systems

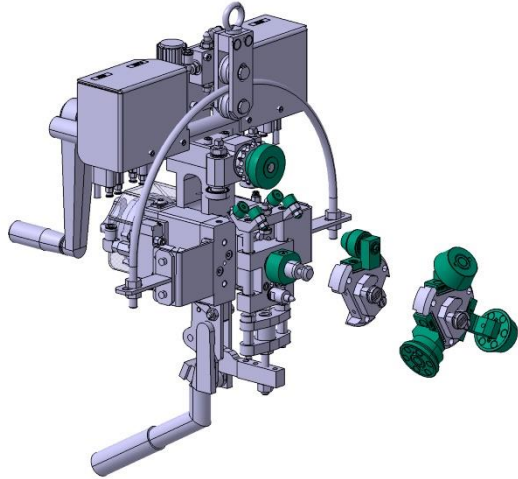
FFT*hemtec* VersoM

System Overview



FFT*hemtec* VersoM

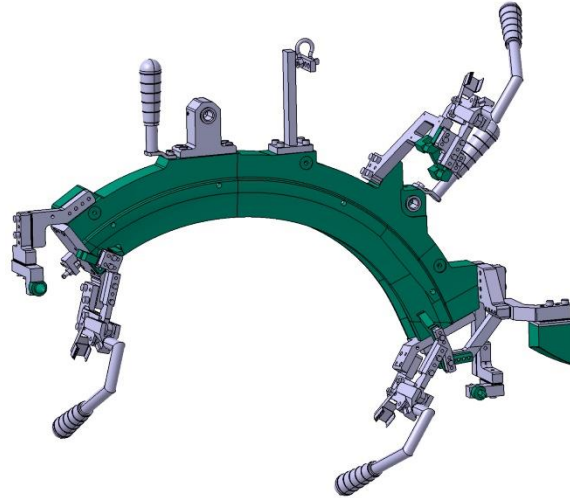
Components



Roller Hemming Head

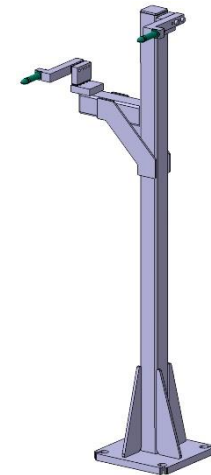
3 to 4 hemming steps

available for flat and rope hem



Hemming Frame

machined to the vehicle geometry

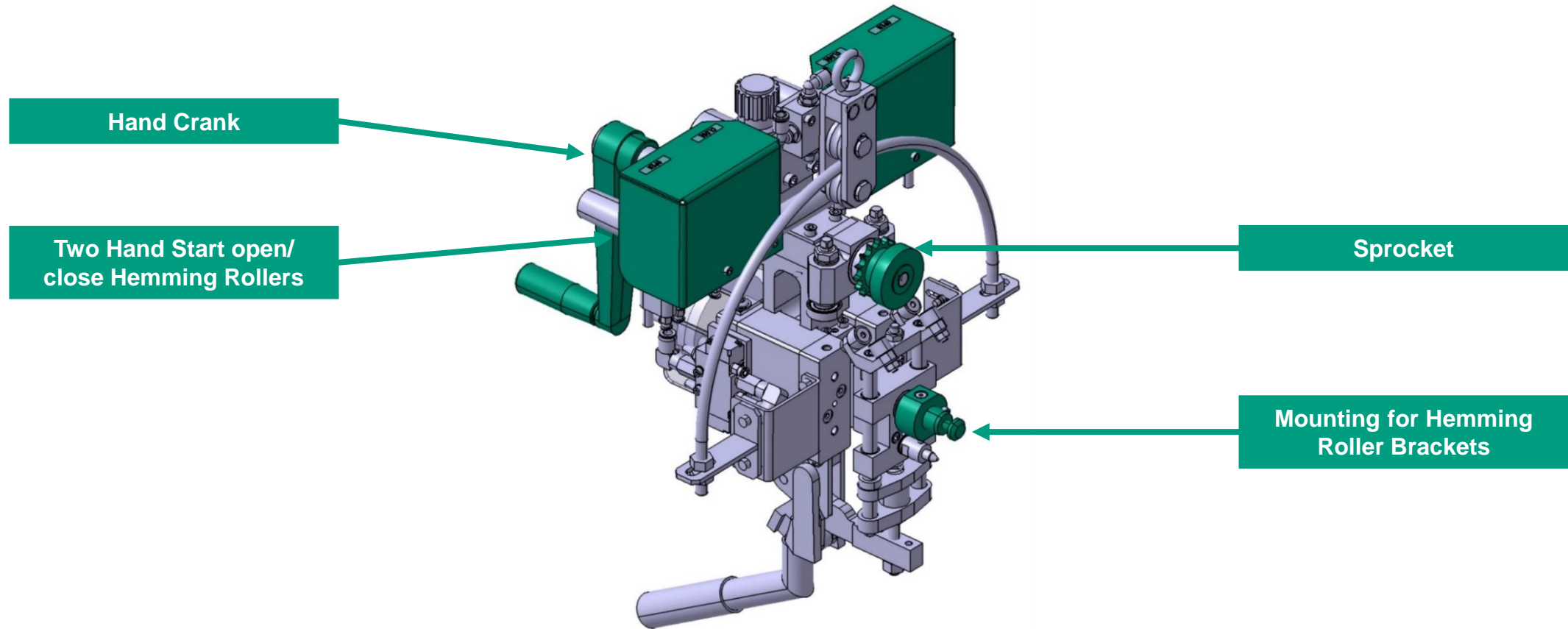


Deposit Rack

for storing the hemming frame when not in use

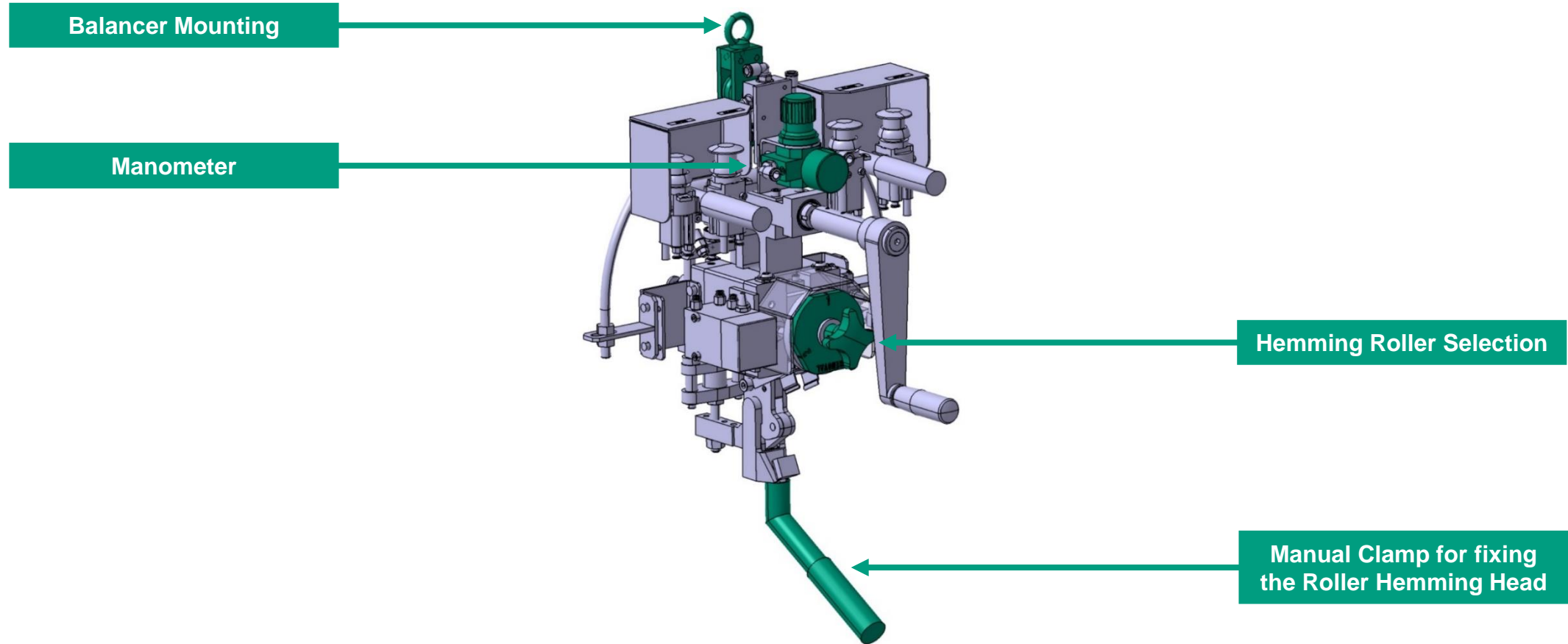
FFT*hemtec* VersoM

Roller Hemming Head



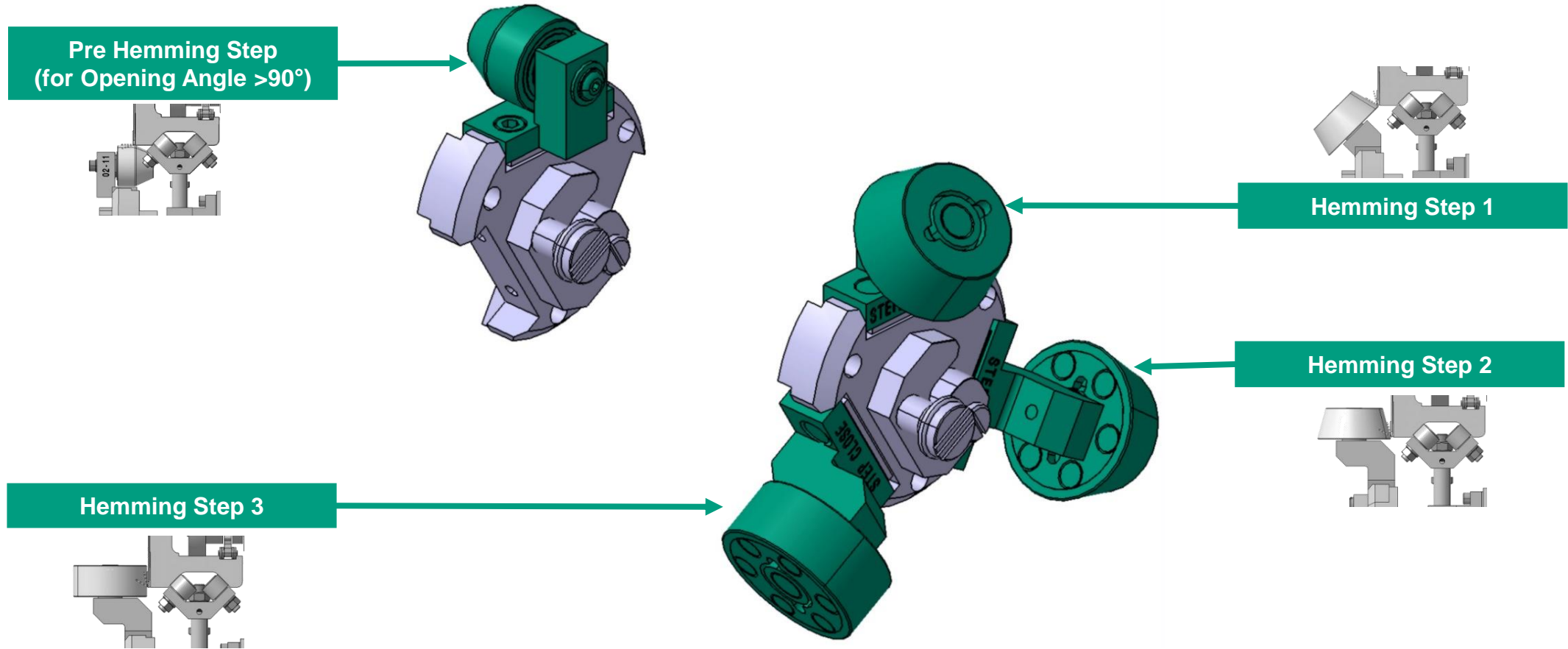
FFT*hemtec* VersoM

Roller Hemming Head



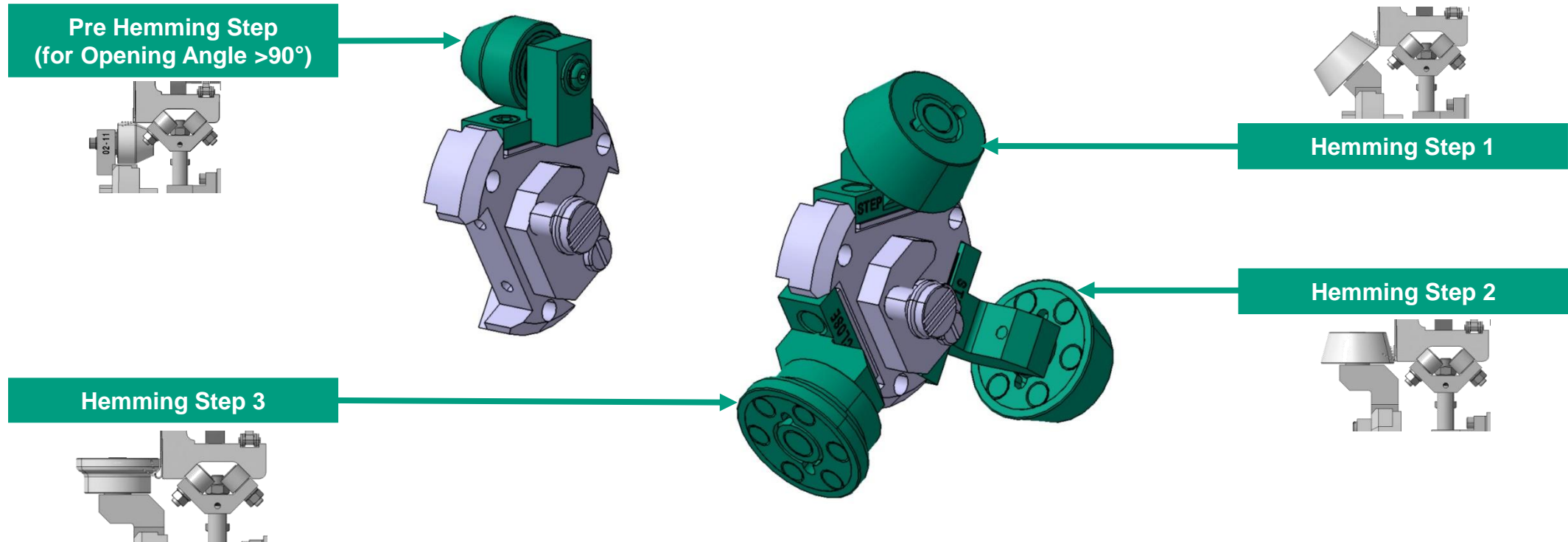
FFT*hemtec* VersoM

Roller Bracket Flat Hem



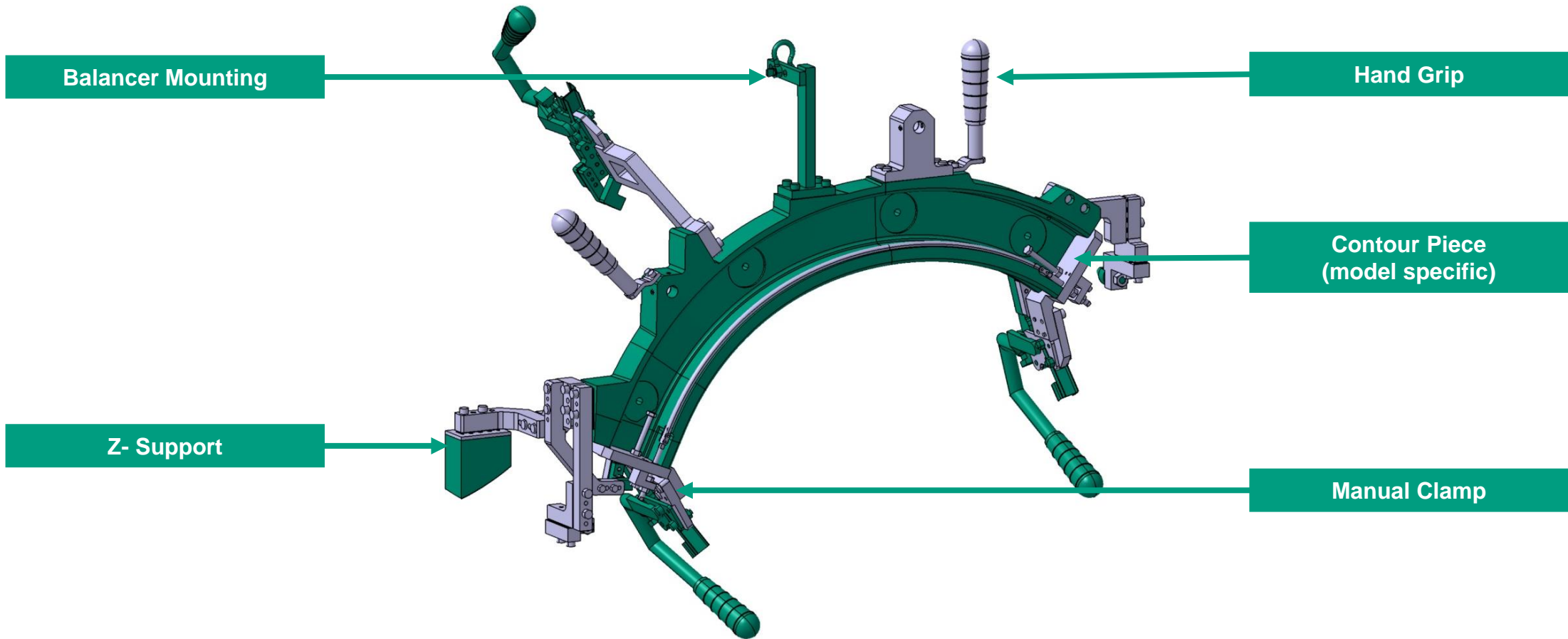
FFT*hemtec* VersoM

Roller Bracket Rope Hem



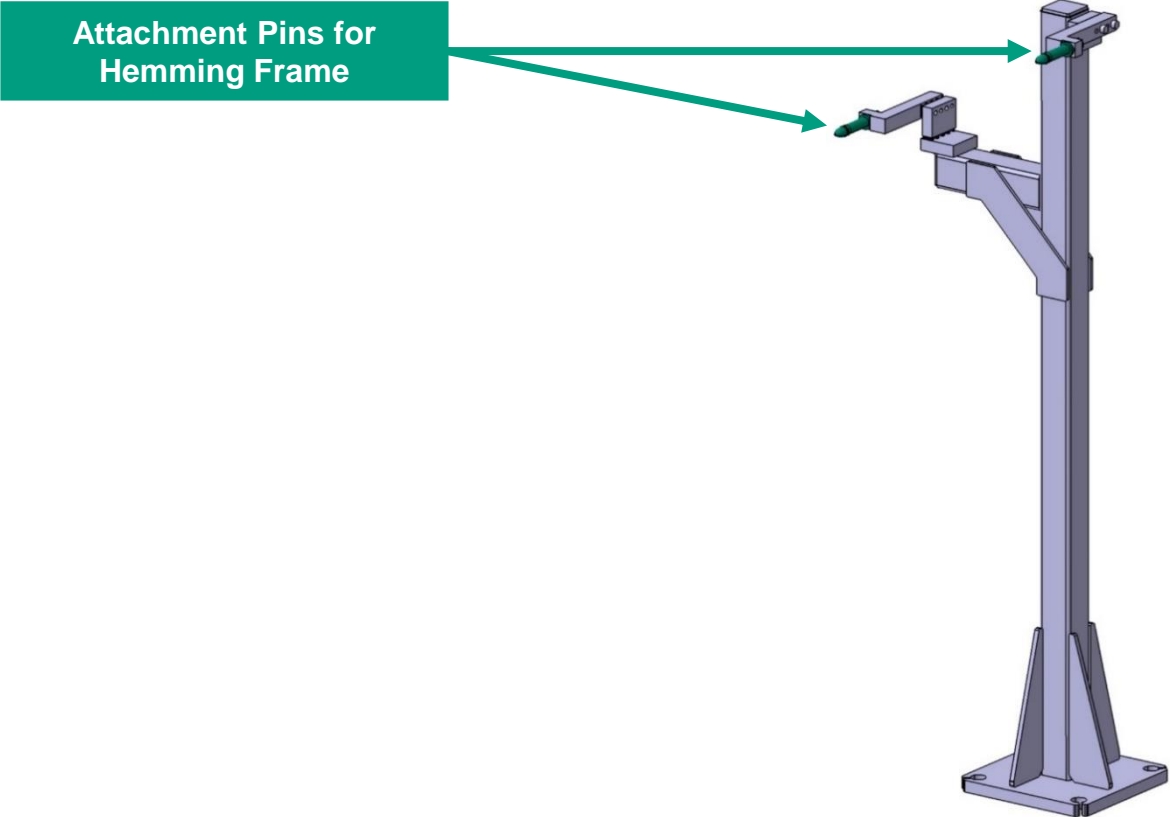
FFT*hemtec* VersoM

Hemming Frame



FFT*hemtec* VersoM

Deposit Rack



2

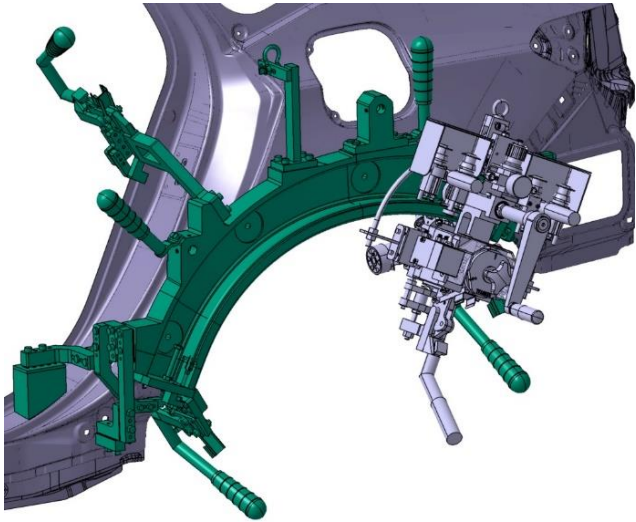
FUNCTIONAL DESCRIPTION

Hemming Process Description

one step ahead in **INTELLIGENT** production systems

DESCRIPTION OF FUNCTION

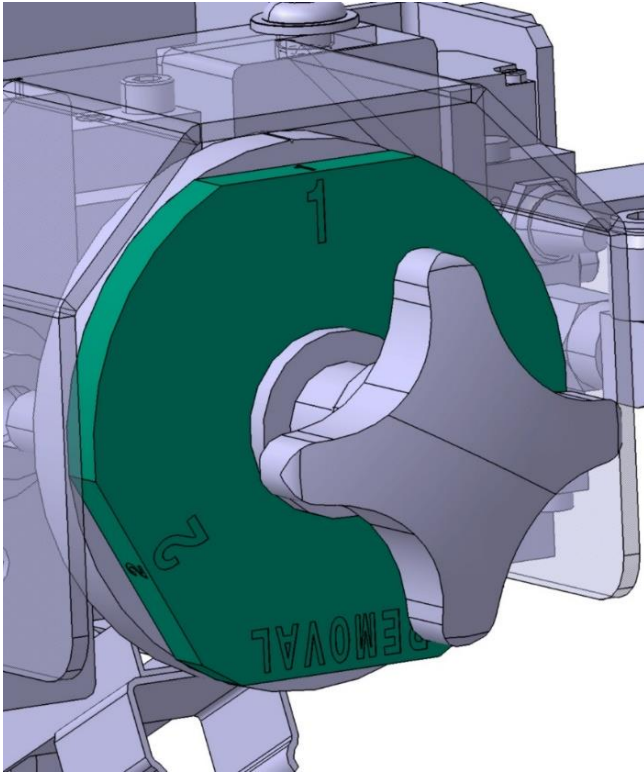
Hemming Process Description



- The hemming frame is fixed manually to the car body.
- The roller hemming head is fixed on the hemming frame in the start position.

DESCRIPTION OF FUNCTION

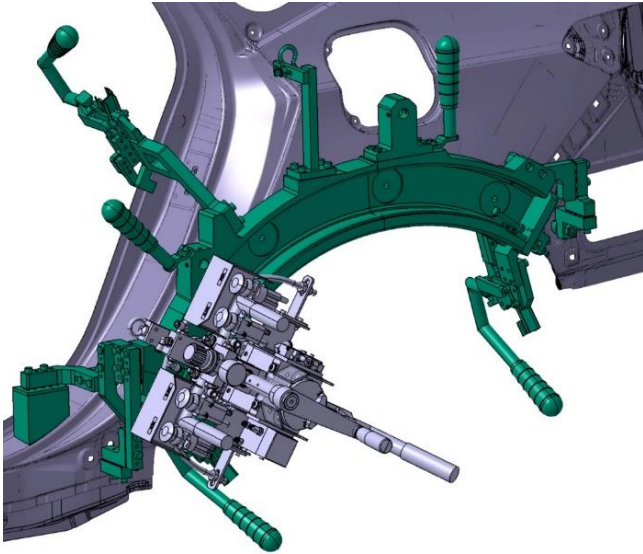
Hemming Process Description



- The hemming roller 1 is moved into position manually via the selection wheel on the hemming head.
- When the two-hand start is actuated, the hemming roller is moved to the hemming frame pneumatically.

DESCRIPTION OF FUNCTION

Hemming Process Description



- The first hemming step is carried out by rotating the hand crank.
- At the end, the roller hemming head is opened by two-hand start and the next hemming roller is brought into position via the selection wheel.
- The process is repeated for the following hemming steps.

3

Versions

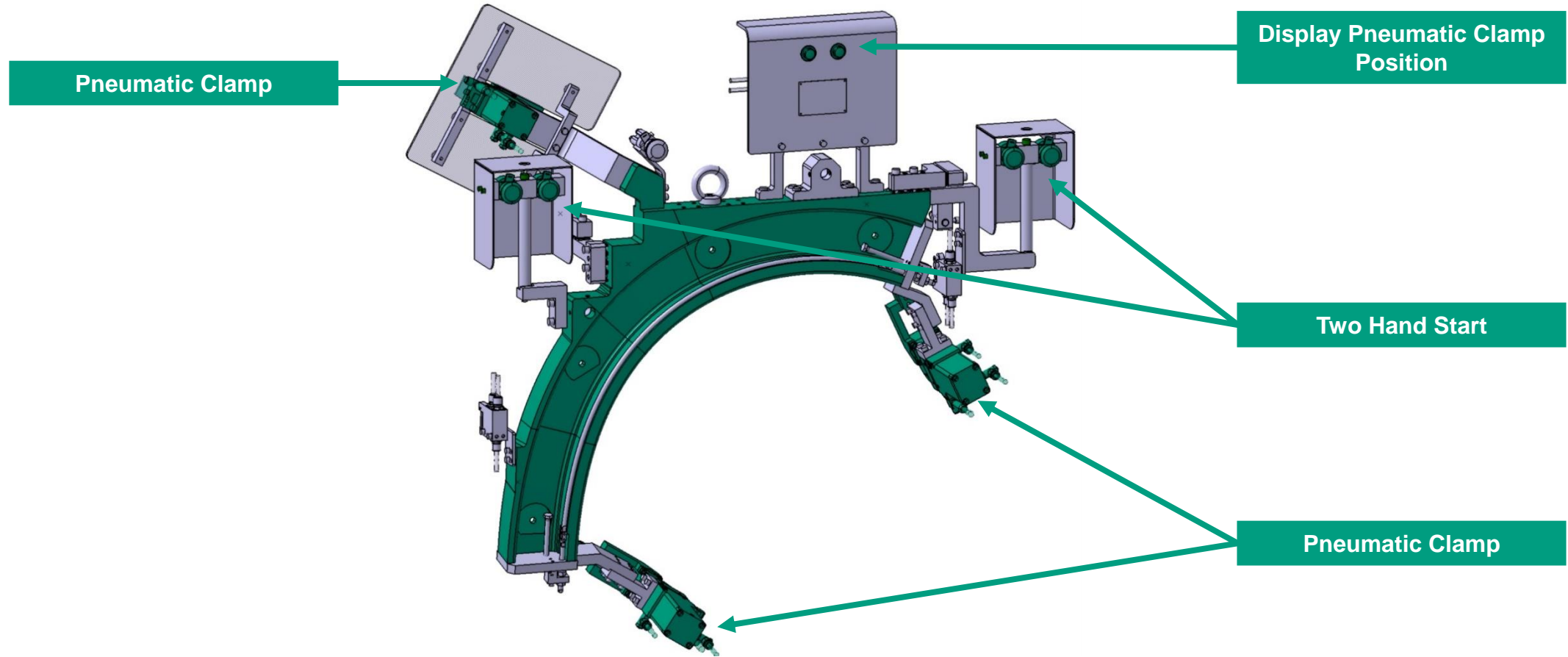
System Version

A detailed photograph of a complex pneumatic system. It features several Festo solenoid valves, some with blue and black components, and others with green handles. A pressure gauge with a white face and black markings is visible. The system is connected to various hoses and fittings. The background shows parts of a machine, including a large wheel and metal frames.

one step ahead in **INTELLIGENT** production systems

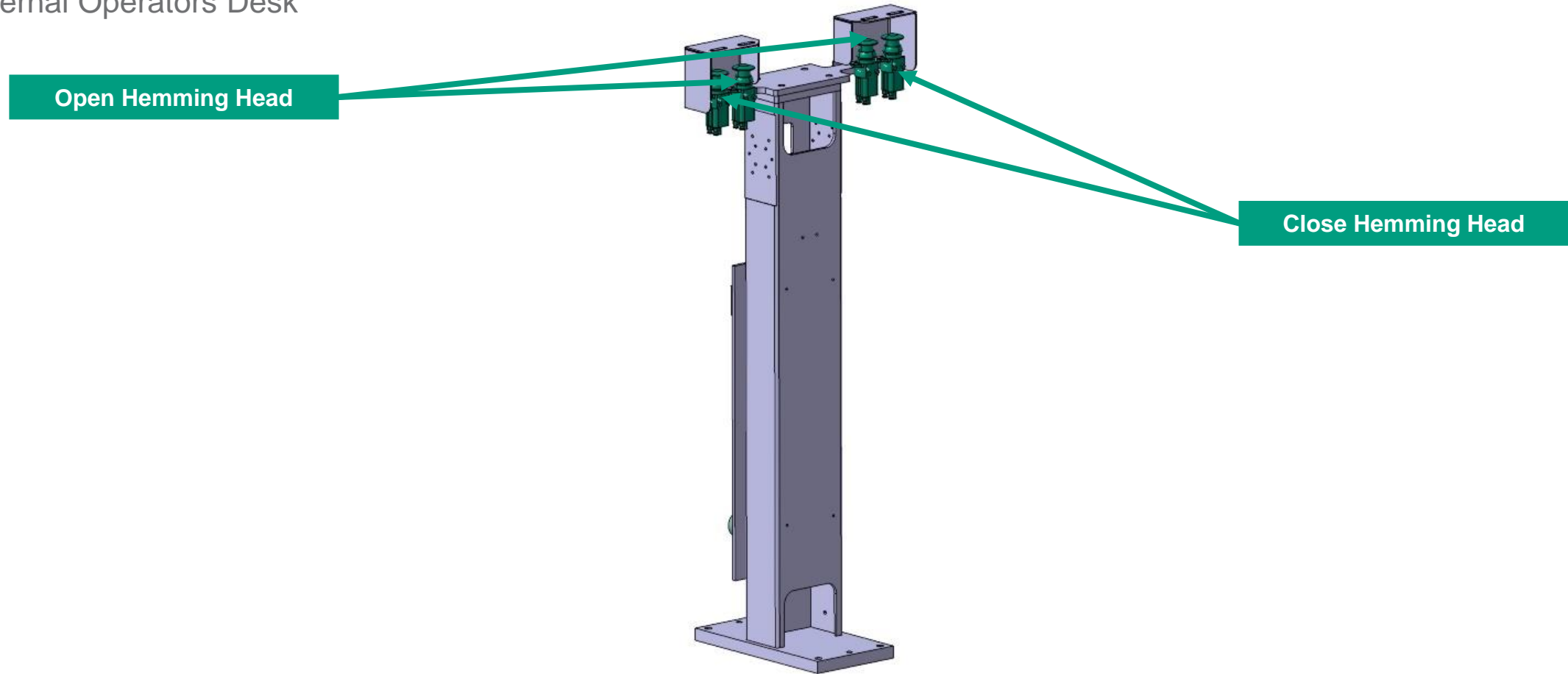
VERSIONS

Pneumatic Hemming Frame



VERSIONS

External Operators Desk



SERVICE OPTIONS

We support your project from the idea to the realization and gladly beyond.



We take into account quality and deadline requirements and we assume the responsibility for the project until turnkey handover.



Consulting

Use our experience for your tasks



Project Management

Support from the idea to the start of production



Risk Analysis

Identification of risks in the process



Custom design

Creation of individual solutions



Manufacturing

Successful manufacturing with modern technologies



Documentation

Clear and logical



Conformity

Compliance with standards and regulations

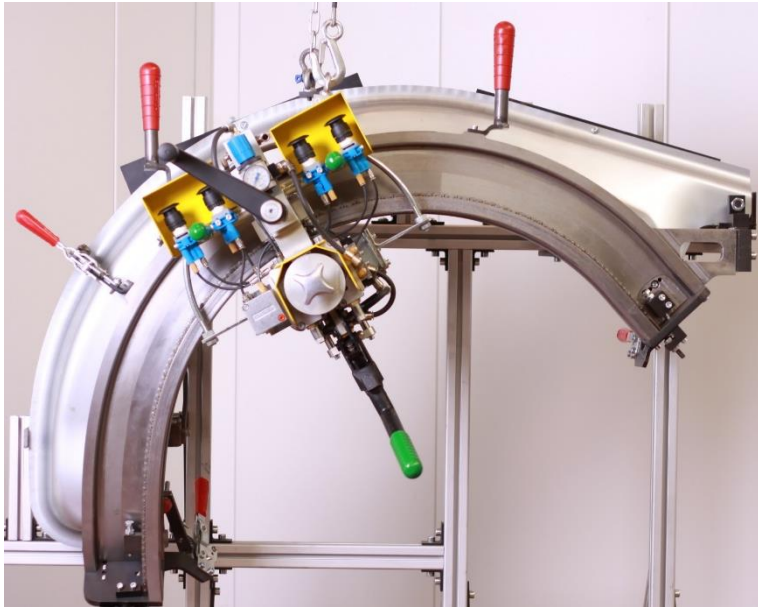


After Sales

Competent service through FFT

REFERENCES

Some of the many customers who already put their trust in us.



BMW



HONDA



NISSAN



PORSCHE



RENAULT



VOLVO





CONTACT

Your personal contact person

Karsten Heil
Department Manager Hemming Technology

FFT Produktionssysteme GmbH & Co. KG
Schleyerstraße 1, DE-36041 Fulda
Tel.: +49 (0) 661 2926 - 593
Mobil: +49 (0) 151 – 52847845
E-Mail: Karsten.Heil@fft.de
www.fft.de



THANK YOU

Feel free to contact us.

WWW.FFT.DE | INFO@FFT.DE
TEL.: +49 (0) 661 2926-0

