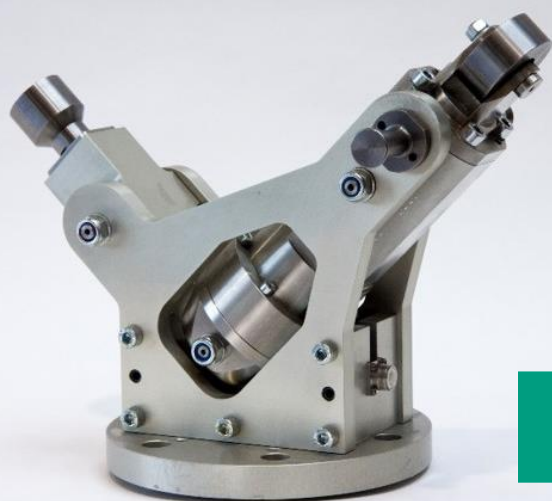




FFT *hemtec*
Single



one step ahead in **INTELLIGENT** production systems



FFT*hemtec* **Single**

Roller Hemming Tools for Hang on Parts

1

FFT*hemtec* **Single S**

Spring Suspended Roller Hemming Head
Modular System

2

FFT*hemtec* **Single F**

Rigid Roller Hemming Head
Modular System

3

FFT*hemtec* **Single Y**

optimised access for curved parts

4

FFT*hemtec* **Single SA**

individual designs according to your requirements

1

FFT*hemtec* **Single S**

Spring Suspended Roller Hemming Head
Modular System

one step ahead in **INTELLIGENT** production systems

HEMMING TOOL

FFT*hemtec* **Single S** – Spring Suspended Roller Hemming Head

Features

- Roller Bracket and Hemming Roller selectable from modular system
- optimized process quality and fault tolerance
- part tolerances can be influenced by robot program
- no media supply required
- hemming force measurement for quality and process control

Hemming Geometry

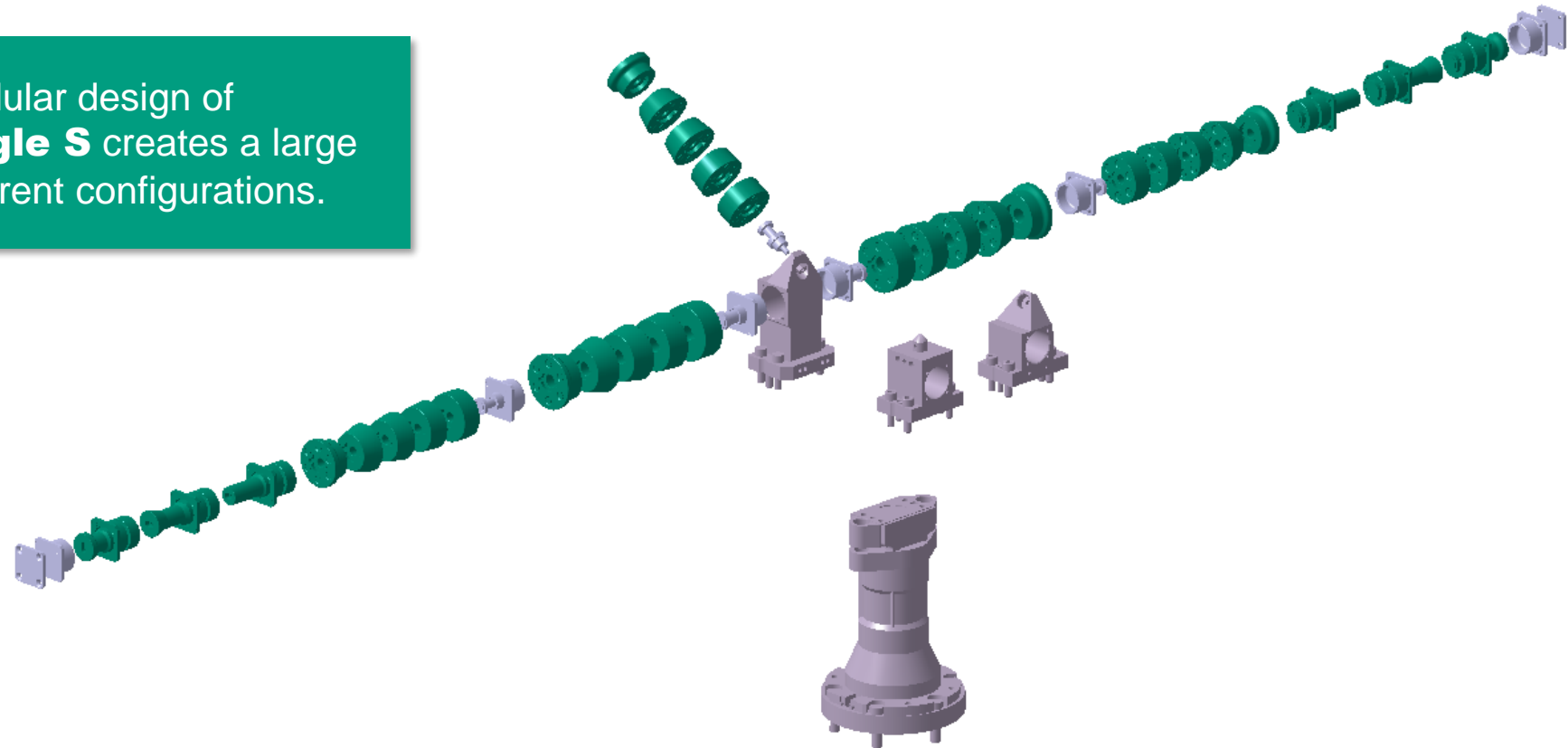
- flat, rope and special hem at steel and aluminium parts



HEMMING TOOL

FFT*hemtec* **Single S** – Modular System

The modular design of **FFT***hemtec* **Single S** creates a large variety of different configurations.



2

FFT*hemtec* Single F

Rigid Roller Hemming Head
Modular System



one step ahead in **INTELLIGENT** production systems

HEMMING TOOL

FFT^{hemtec} Single F – Rigid Roller Hemming Head

Application

- Doors
- Hoods, Tailgates
- Fenders
- Side Panels

Heming Geometries

- flat hem
- rope hem
- special hem geometries at steel and aluminium parts

Features

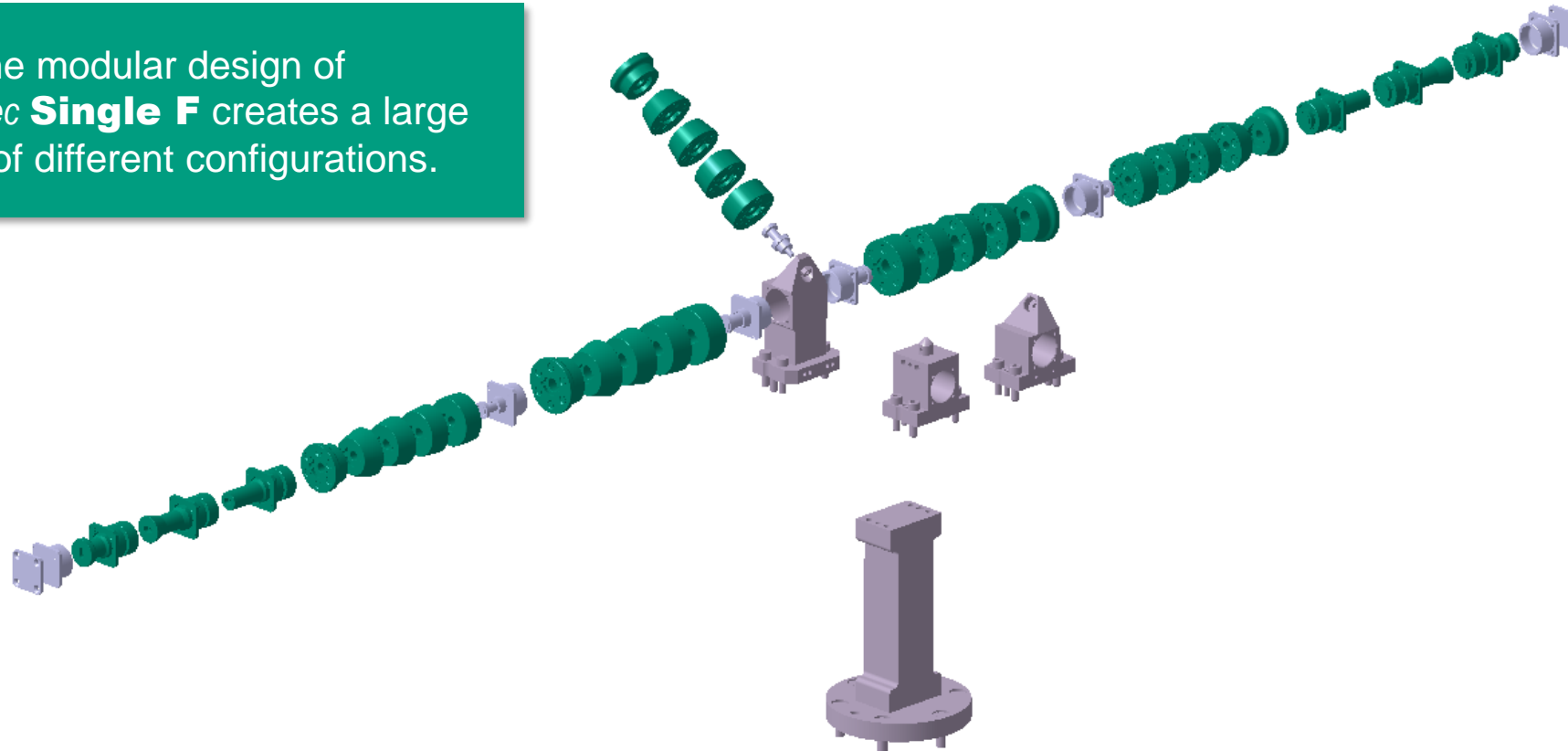
- Roller Bracket and Hemming Roller selectable from modular system
- optimized process quality and fault tolerance
- part tolerances can be influenced by robot program
- no media supply required
- rigid base can easily be exchanged by **FFT^{hemtec} Single S** without changing the robot program



HEMMING TOOL

FFT*hemtec* **Single F** – Modular System

The modular design of **FFT***hemtec* **Single F** creates a large variety of different configurations.



3

FFT*hemtec* **Single Y**

optimised access for curved parts



one step ahead in **INTELLIGENT** production systems

HEMMING TOOL

FFT*hemtec* **Single Y**

Application

- Hoods, Tailgates
- Fender

Hemming geometry

- flat hem
- rope hem
- special hem geometries at steel and aluminium parts

Features

- Roller Bracket and Hemming Roller selectable from modular system
- optimized process quality and fault tolerance
- part tolerances can be influenced by robot program
- no media supply required
- hemming force measurement for quality and process control
- optimised robot axis configuration at curved parts (e.g. Hoods)



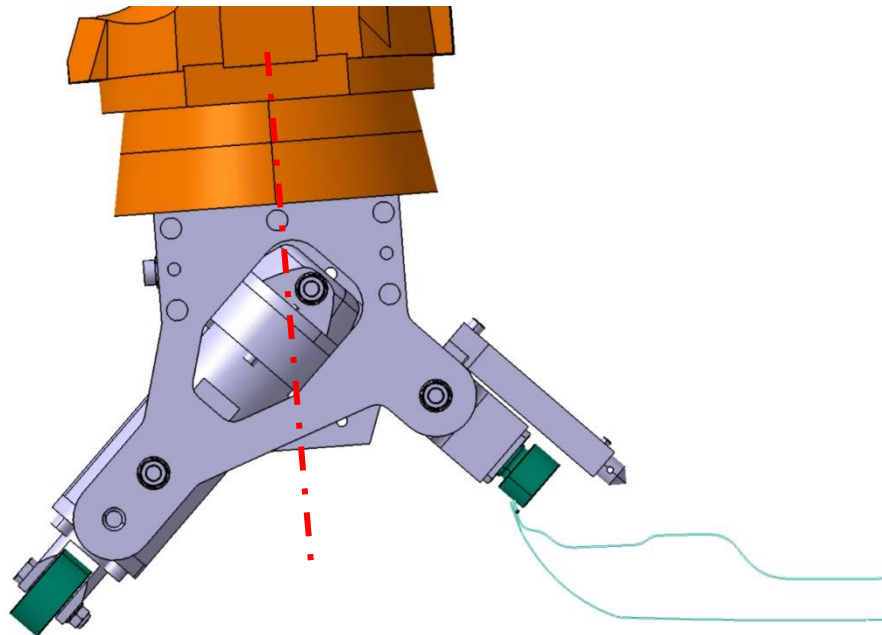
FFT*hemtec* Single Y

FFT*hemtec* Single Y – Optimized Accessibility at Curved Parts

FFT*hemtec* Single Y

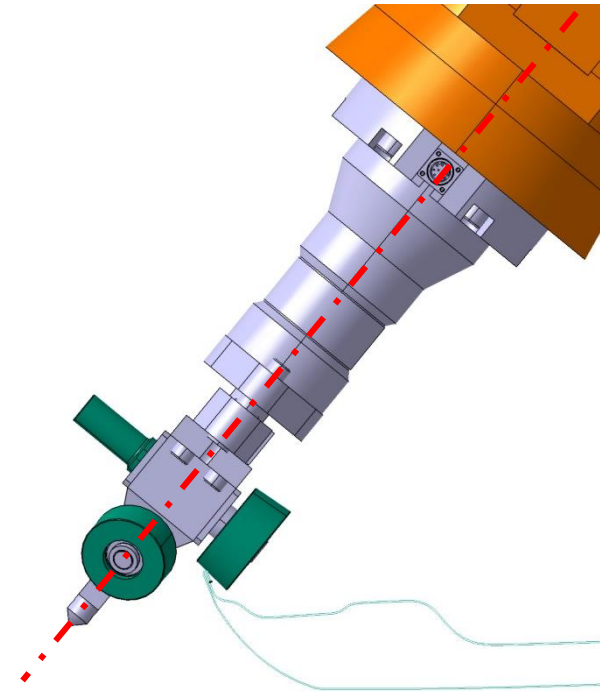
robot axis outside part geometry

→ lower interfering edge for Downholder design



FFT*hemtec* Single S

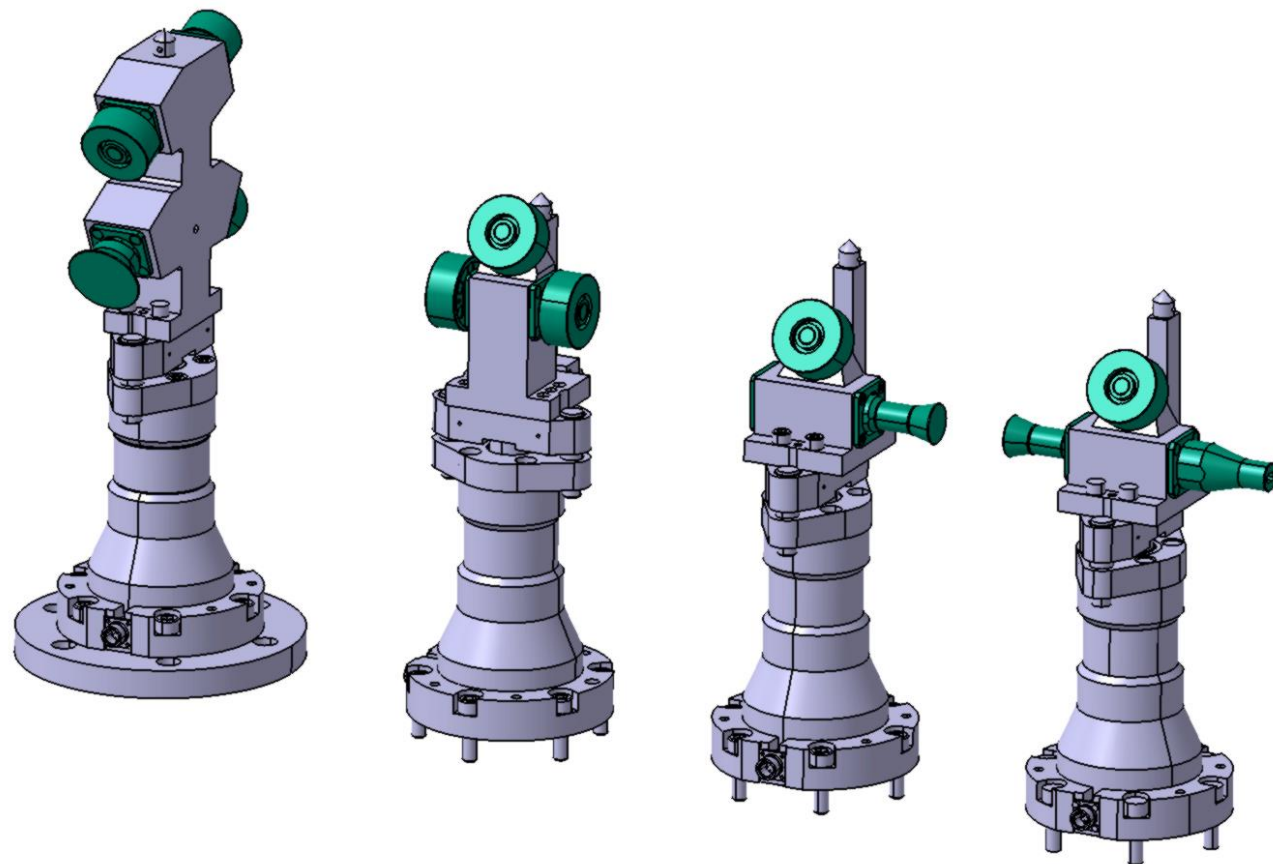
robot axis above the part



4

FFT*hemtec* Single SA

individual designs according to your requirements



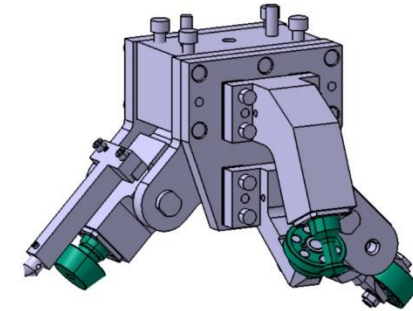
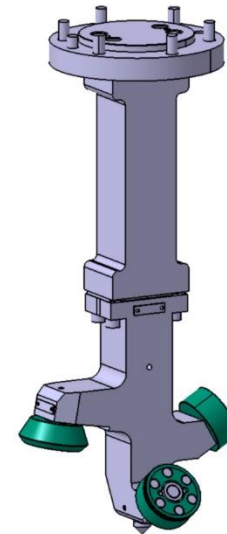
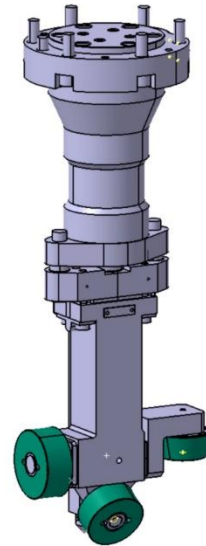
one step ahead in **INTELLIGENT** production systems

SPECIAL SOLUTIONS

FFT*hemtec* Single SA - Are you looking for a customized solution?

individual designs according to
your requirements

It is our pleasure to design
and manufacture roller
hemming heads individually
according to your
requirements.



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



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THANK YOU

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