

SF Tooling Group

Company Presentation
2023

SF TOOLING
GROUP



SCHAUFLE
TOOLING



FISCHER
TOOL & DIE



SCHAUFLE
CHINA



SF-Tooling Group – world leading Diecast dies manufacturer



EUR ~58m

Sales FY23P

3 continents

presence

~215

employees

> 100

*large die cast dies capacity
p.a.*

> 200 to

die weight



Large & complex HPDC dies



Dies for EVs



Dies for gearboxes



Dies for car body parts



Tools for CFRP parts

Complementary services



Engineering



After-sales

Casting Part Optimization

Casting Process Simulation

Die Therm Design Method

Finite Element Analysis

Engineering Changes

Die Sampling & Reports

Prototyping

Die Maintenance, Repair &
Optimizations

Spare Parts Management

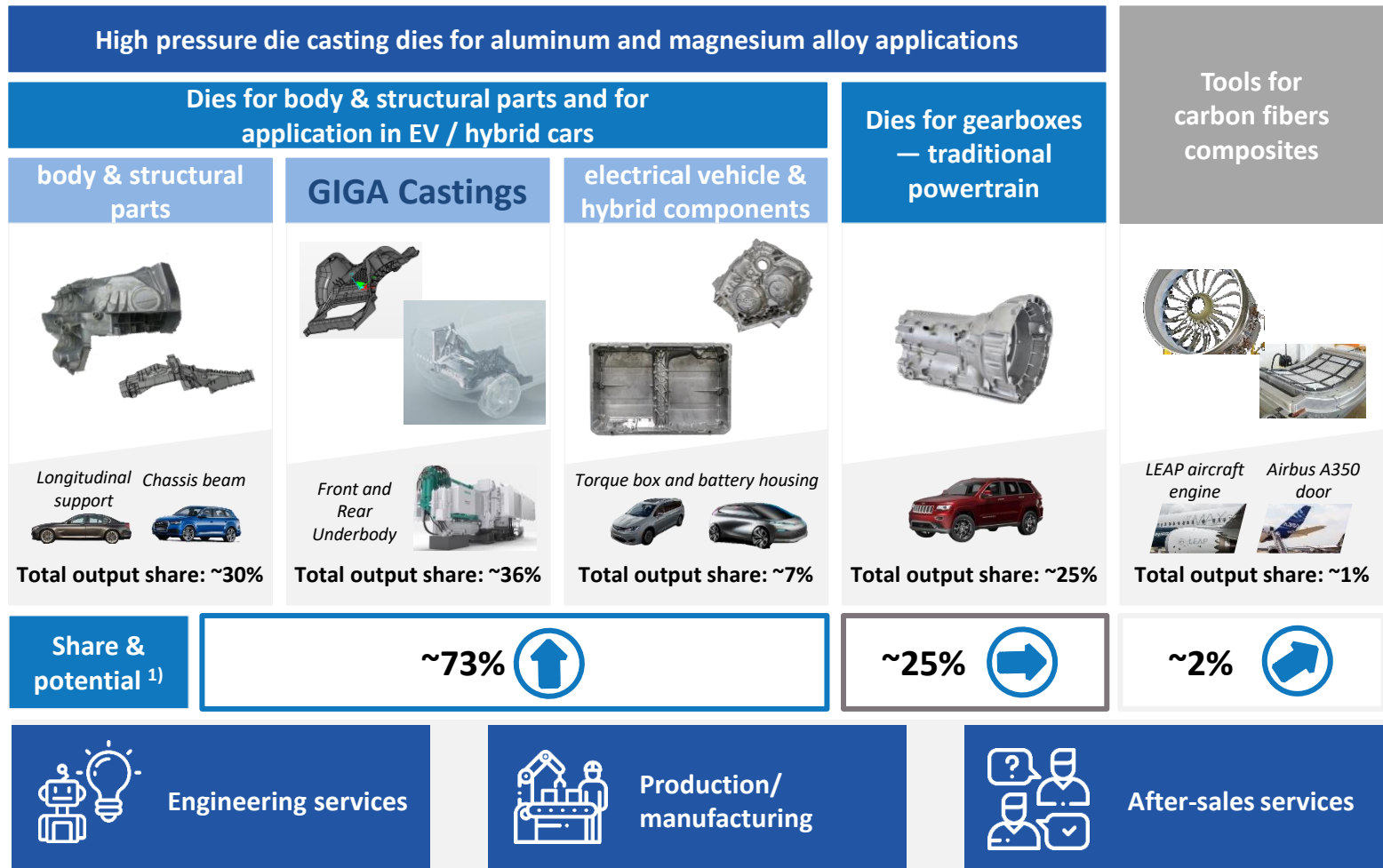
On-site Customer Support

Geographic footprint and overview of the operating facilities

Locations	 Laichingen (HQ)	 Temperance (MI)	 Haiyan
Production area	 <ul style="list-style-type: none">• Approx. 9,000 sqm	 <ul style="list-style-type: none">• Approx. 7,000 sqm	 <ul style="list-style-type: none">• Approx. 6,000 sqm
Operating since	<ul style="list-style-type: none">• 1961	<ul style="list-style-type: none">• 1987	<ul style="list-style-type: none">• 2022
# of employees	<ul style="list-style-type: none">• 155	<ul style="list-style-type: none">• 50	<ul style="list-style-type: none">• 10
Sales m€, 2021	<ul style="list-style-type: none">• 40.8	<ul style="list-style-type: none">• 10.6	<ul style="list-style-type: none">• 2.0
# of dies produced	<ul style="list-style-type: none">• 80	<ul style="list-style-type: none">• 30	<ul style="list-style-type: none">• 6 (since July 2022)
Max. die weight	<ul style="list-style-type: none">• up to 200	<ul style="list-style-type: none">• up to 150	<ul style="list-style-type: none">• up to 200
Shift model	<ul style="list-style-type: none">• 2 shifts• Selective night shifts	<ul style="list-style-type: none">• 2-shift model	<ul style="list-style-type: none">• 2-shift model
Focus	<ul style="list-style-type: none">• Die design center• New and follow-up dies• Rebuilds• Maintenance and die repair• Tools for carbon fiber composites	<ul style="list-style-type: none">• New and follow-up dies• Rebuilds• Maintenance and die repair• Contract machining	<ul style="list-style-type: none">• New and follow-up dies• Rebuilds• Maintenance and die repair• Sourcing

Products and services offering — Overview

Full-service provider of HPDC dies for aluminum and magnesium alloy applications

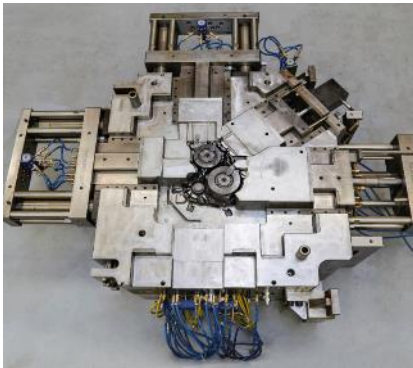


Products — Selected examples of dies produced

Exemplary, selected product illustrations

HPDC dies for Al and Mg castings

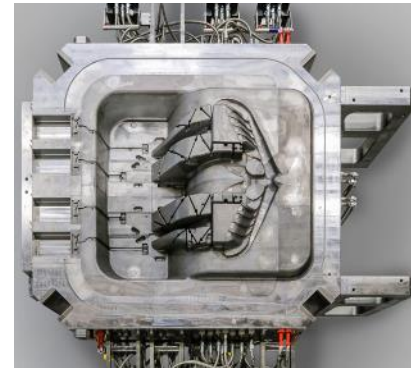
DCM range: 2,000- 12,000 tons



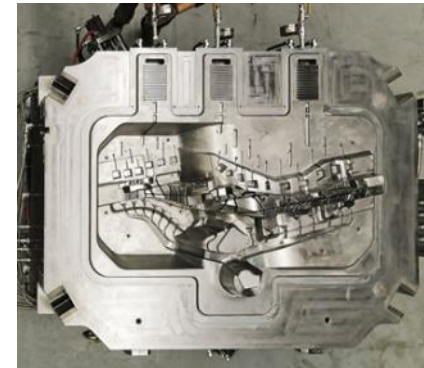
Hybrid Gearbox (Stellantis)



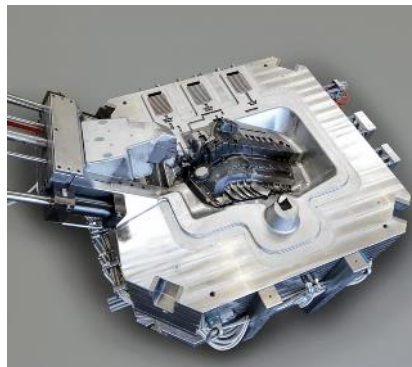
Renault battery housing (GF)



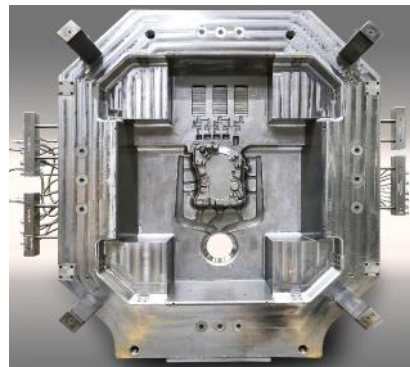
Torque box (E-car)



Longitudinal beam (BMW)



Support bracket (Audi)



Volvo truck trans. housing (GF)

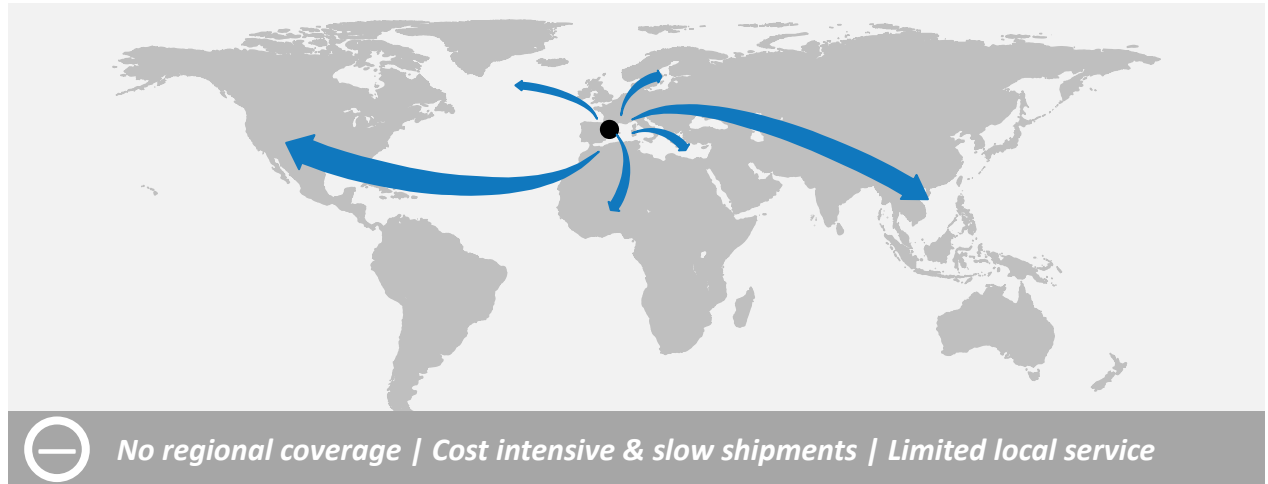


Ford F150 IP (Linamar)

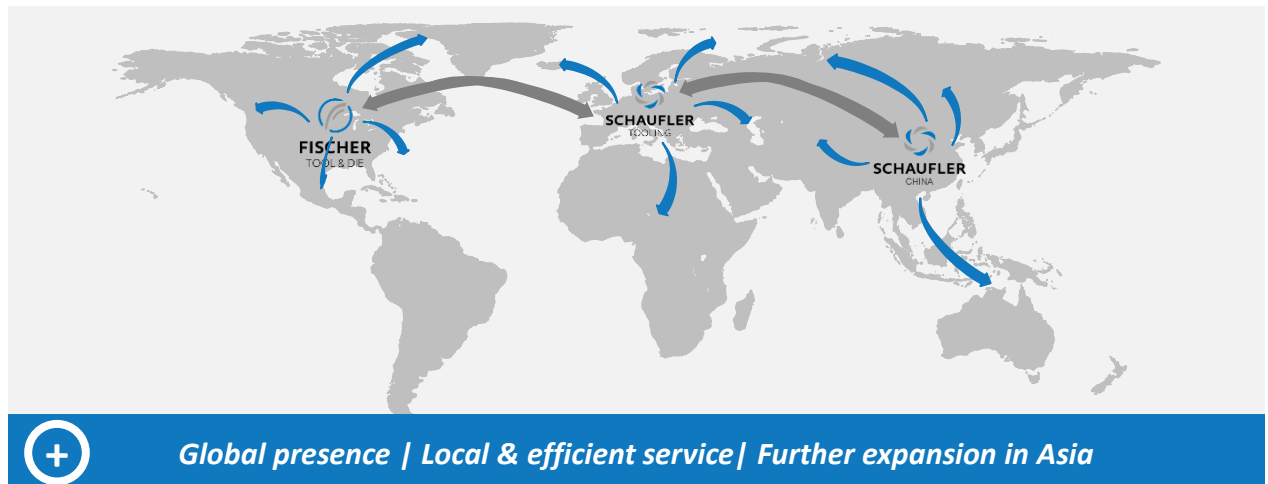
Internationalization

Internationalization as key differentiator for SF Tooling with further potential

Competitor
situation
(illustrative
example)



SF Tooling





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We contribute to our customer's success.