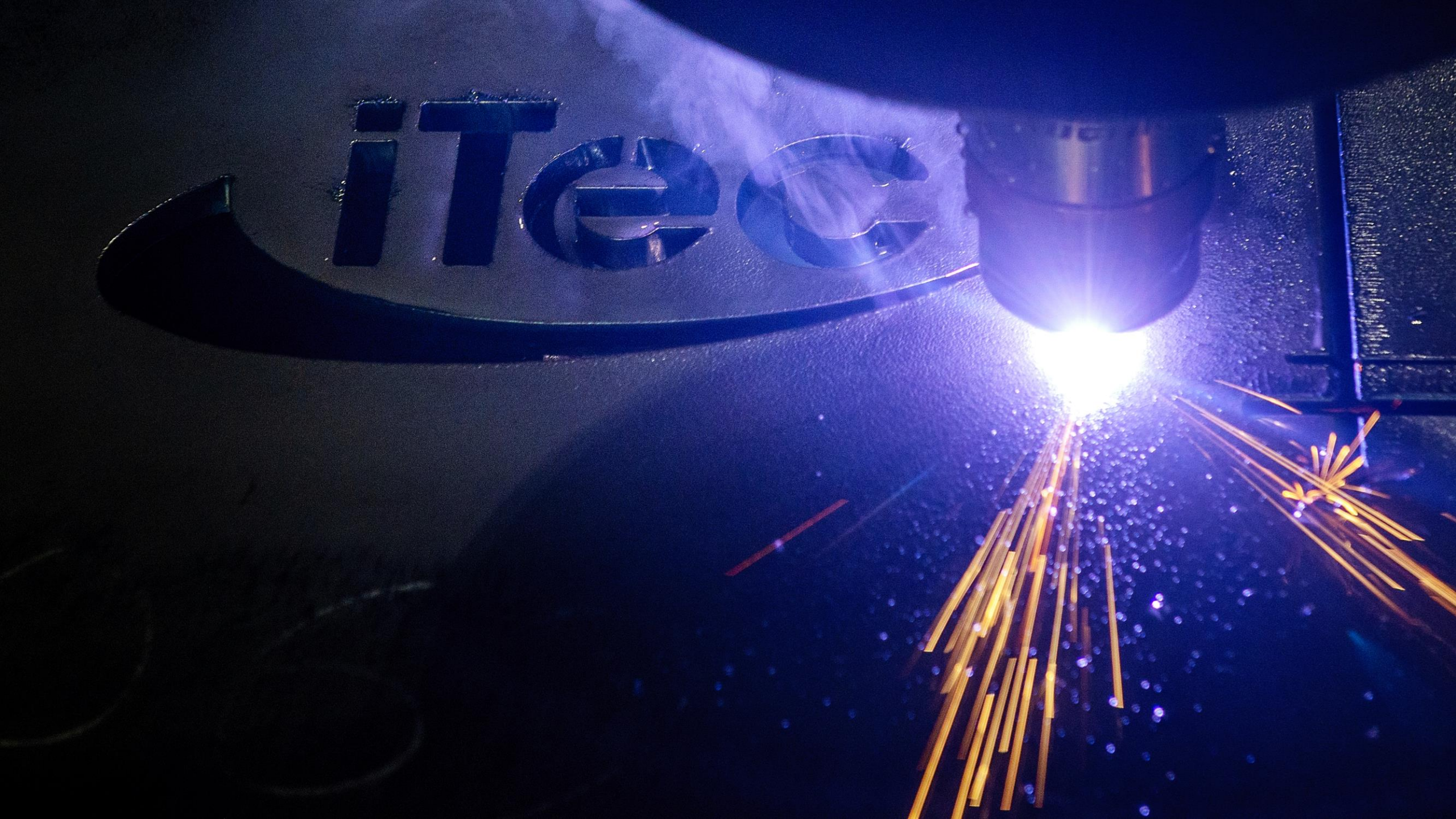






**ET FØRSTEVALG
FOR INDUSTRIEN**

www.itec.as

HVEM ER VI?

iTec AS

Stiftet: 2001

Eierskap: iTec Holding AS,
Ole Pavljuk og Ståle Ellingsen

Lokasjoner: Hovedkontor: Larvik

Avdelinger: Trøndelag, Agder, Rogaland, Troms

Daglig leder: Ole Kristian Hansejordet

Ansatte: 40



**Ole
Pavljuk**

Teknisk sjef / Technical Director

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☎ +47 958 00 400



**Ståle
Ellingsen**

Produktsjef / Product Director

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☎ +47 958 00 700



**Ole Kristian
Kongelf
Hansejordet**

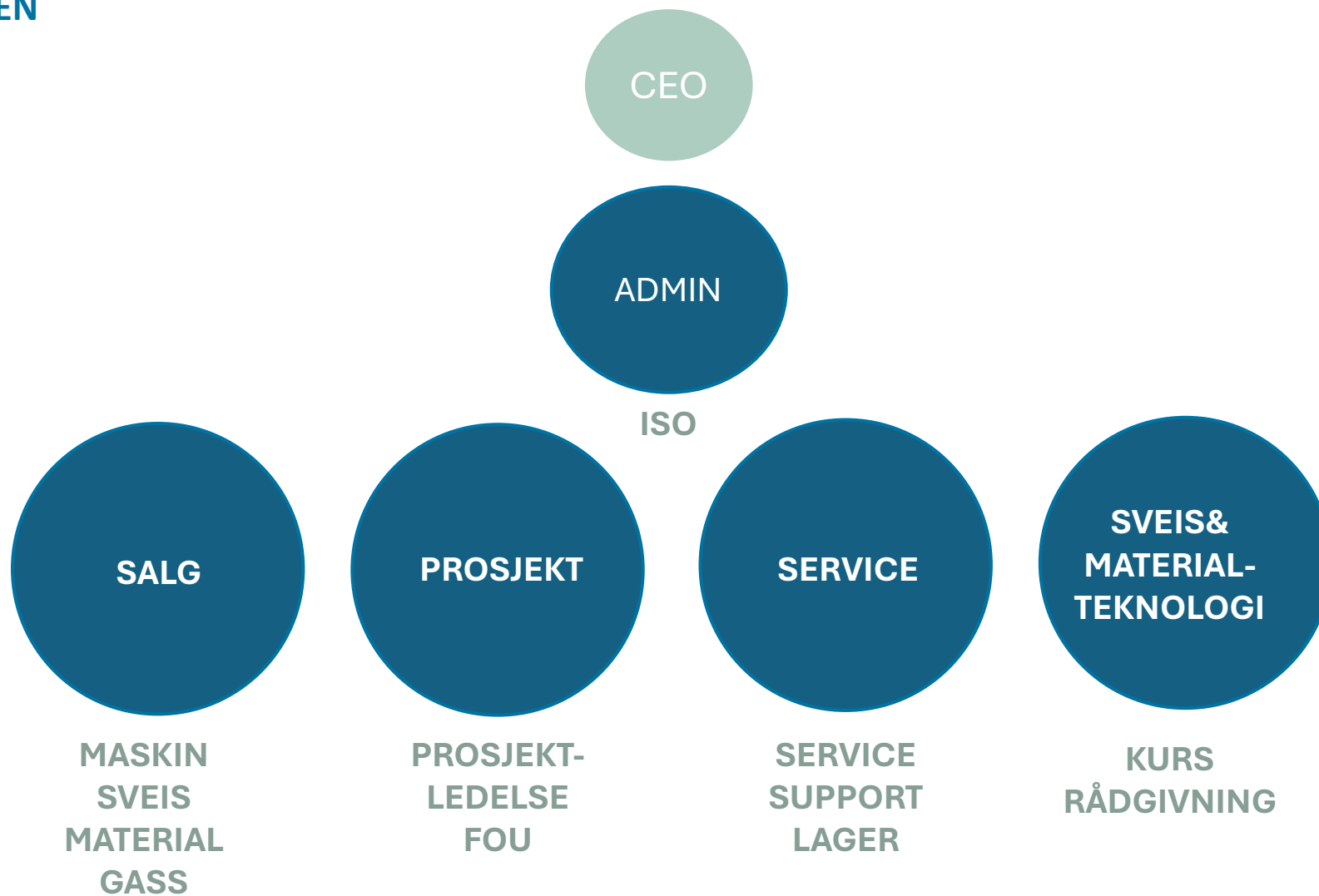
Daglig leder / CEO

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☎ +47 977 97 123
☎ +47 958 00 700

HVEM ER VI?



ORGANISASJONEN



VÅRE LOKASJONER

VESTFOLD: Hovedkontor i Larvik

ROGALAND: Sola (Randaberg), Haugesund

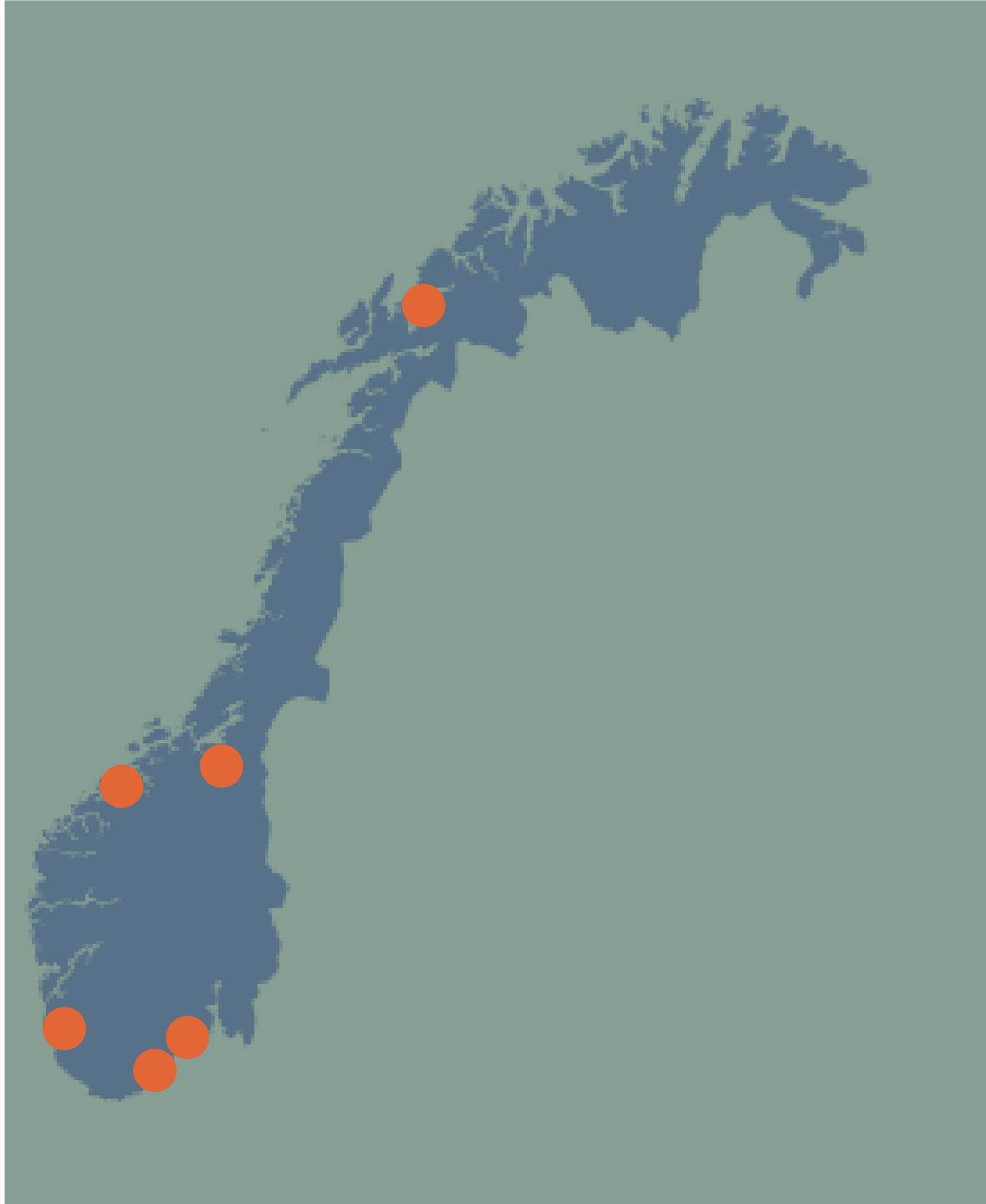
TRØNDELAG: Trondheim, Stjørdal

AGDER: Grimstad, Kristiansand

TROMS: Harstad

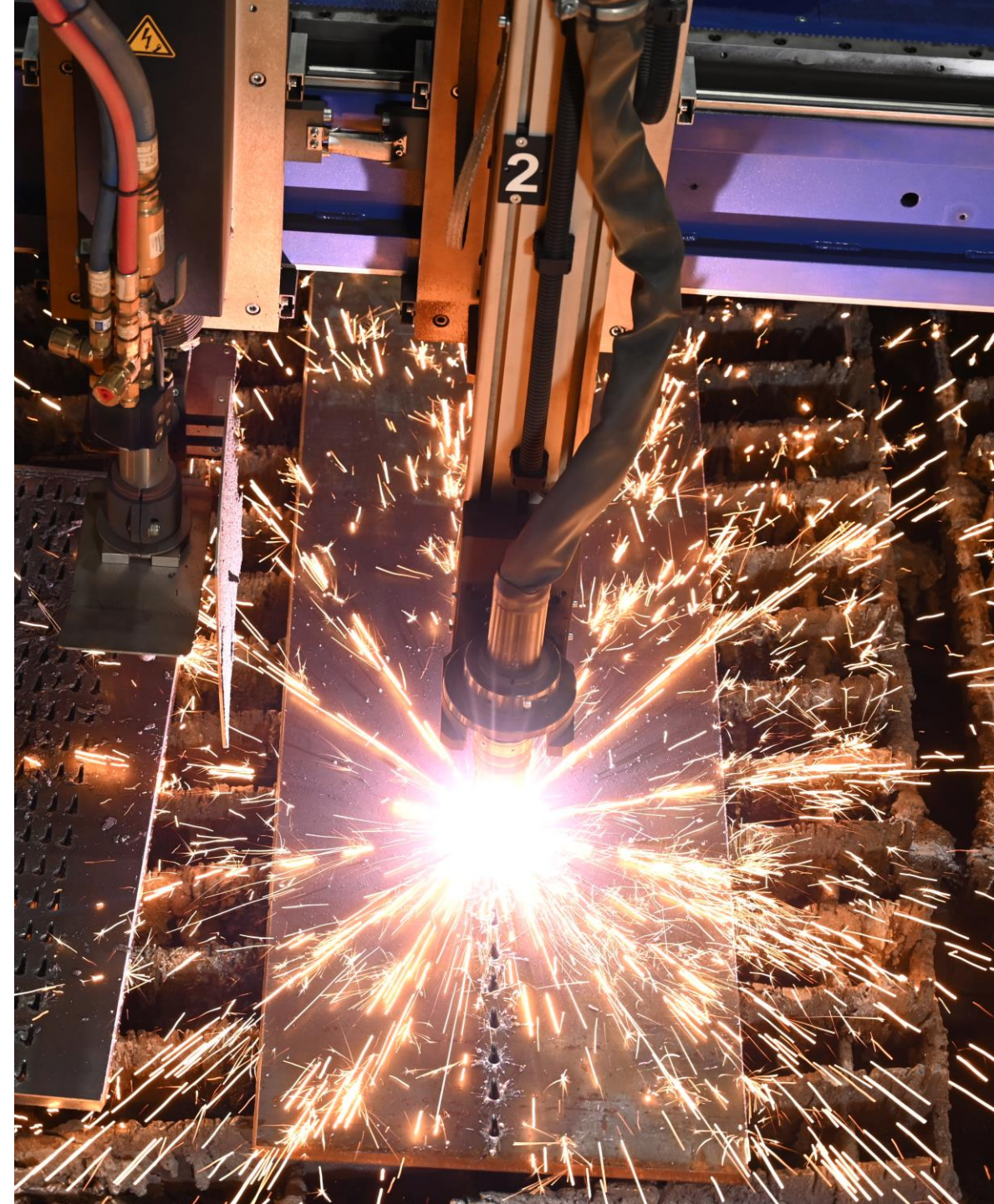
VESTLAND: Husnes

MØRE OG ROMSDAL: Ålesund



MARKEDSUTVIKLING OG TRENDER

- **Robotisering av sveiseprosessen frigjør arbeidskraft:** Kompenserer for mangel på sveisere
- **Automatisering og robotisering:** Behov for helintegreerte løsninger
- **Digitalisering:** programvare, IoT, maskinovervåkning
- **Bærekraft:** Energieffektive maskiner, materialutnyttelse og lavere utslipp
- **Økt krav** til kvalitet, dokumentasjon og levetid
- **Vekst i** infrastrukturinvesteringer, fornying og nye prosjekter



PERFEKT SVEIS KREVER PERFEKT KUTT.

Vi samarbeider med leverandører som kontinuerlig utvikler ny teknologi for å forenkle industrien.

To av dem presenterer i dag nye muligheter på markedet:

HGG

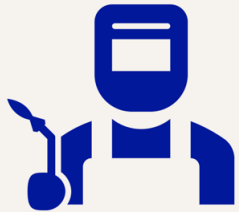
Avansert profilskjæring med høy presisjon og fleksibilitet.

AGT

Avansert robotløsning for sveising av bjelker.



The foundation for weldable steel structures



Welding is only as good as the preparation.



HGG doesn't weld — we make sure that every part can be welded by itself.



We don't weld — we make welding work.

HGG & iTec — partnership for Norway



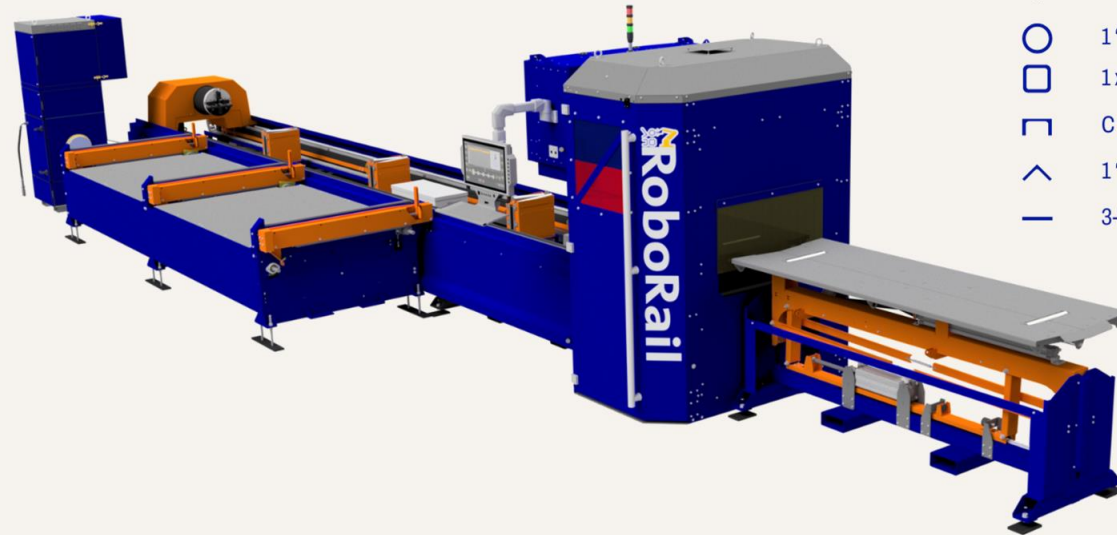
- Together we are building predictable steel production in Norway (50 assets).
- iTec brings local knowledge, HGG brings technology and experience.
- Together, we not only supply machines, but also knowledge and continuity (15 years).

RPC – heavy-duty precision cutting

- For steel construction & offshore.
- Comfortable speed, high power and accuracy.
- Built for heavy profiles and thick sections.



Roborail – automation for miscellaneous steel



ROBOTIC PROFILE CUTTING MACHINE

ROBORAIL

The RoboRail robotic plasma cutter offers a compact solution for cutting miscellaneous steel.

Type	Min.	Max.
○	1"	10"
□	1 x 1"	8 x 8"
└┐	C 3 x 4,1"	C 12 x 30"
^	1"	8"
—	3-7/8 x 1/4"	11 x 3/4"

- Automates stairs, landings and handrails.
- Flexible and compact for high-mix production.
- The first step towards automation of 'miscellaneous steel'.

Roborail – automation for miscellaneous steel

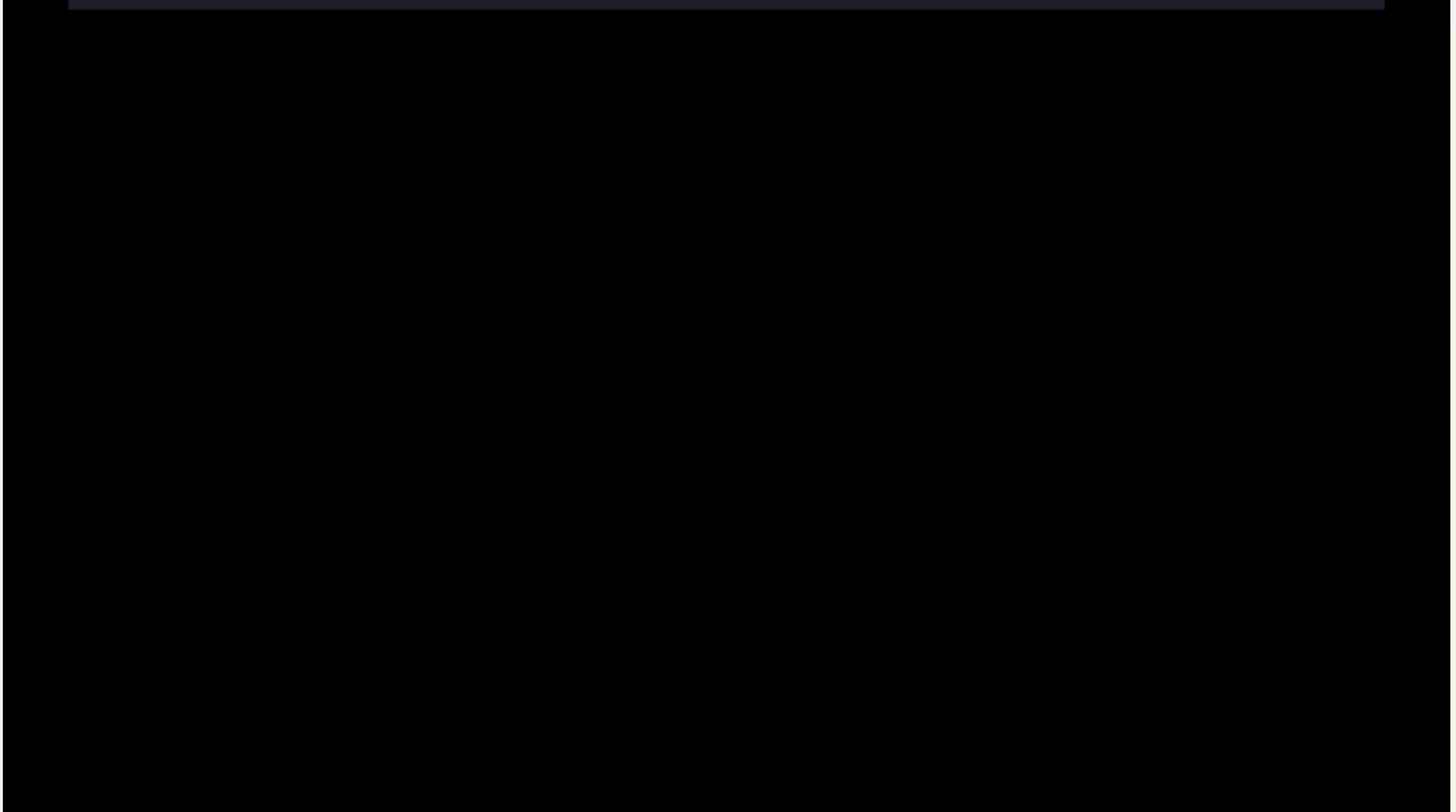


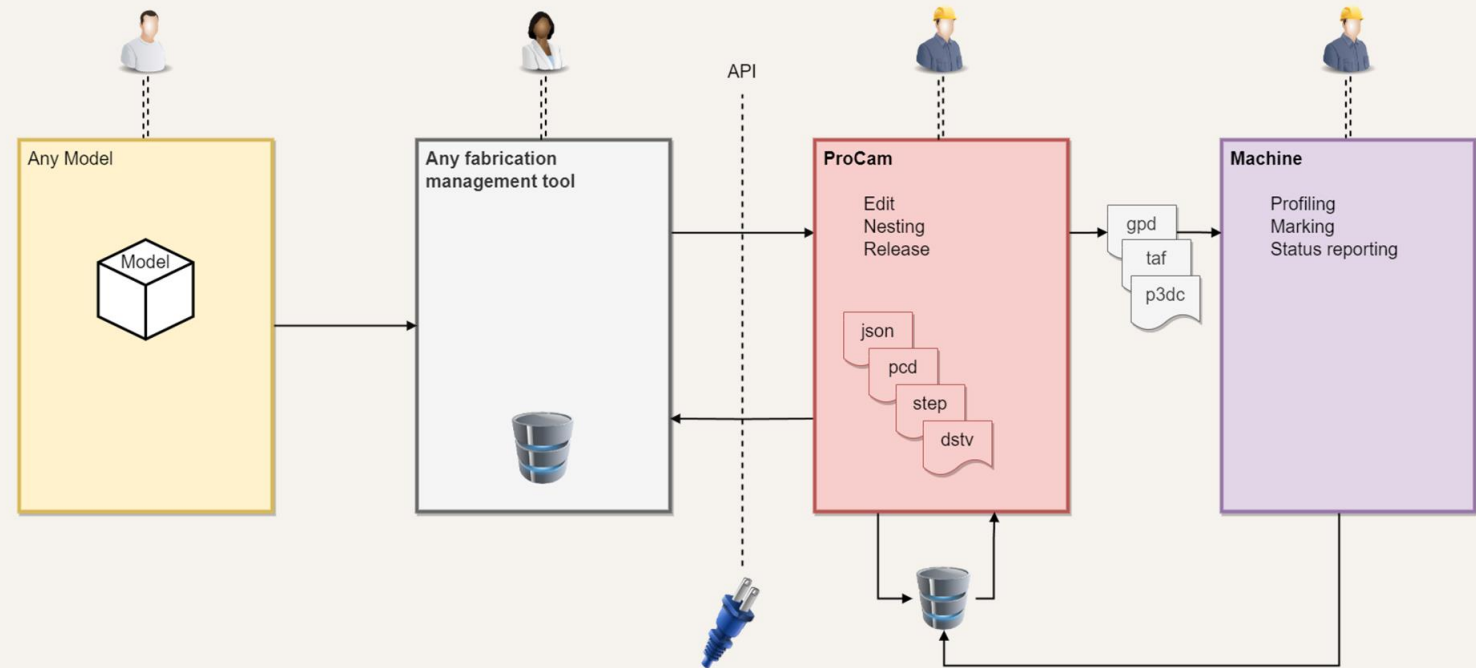


APC – the allrounder for steel construction

- Fast and designed for steel construction.
- Cuts profiles, tubes, angles and flat bars — can be welded immediately.
- Integrated with Tekla and Strumis: model in, part out.

APC – the machine for steel construction cutting

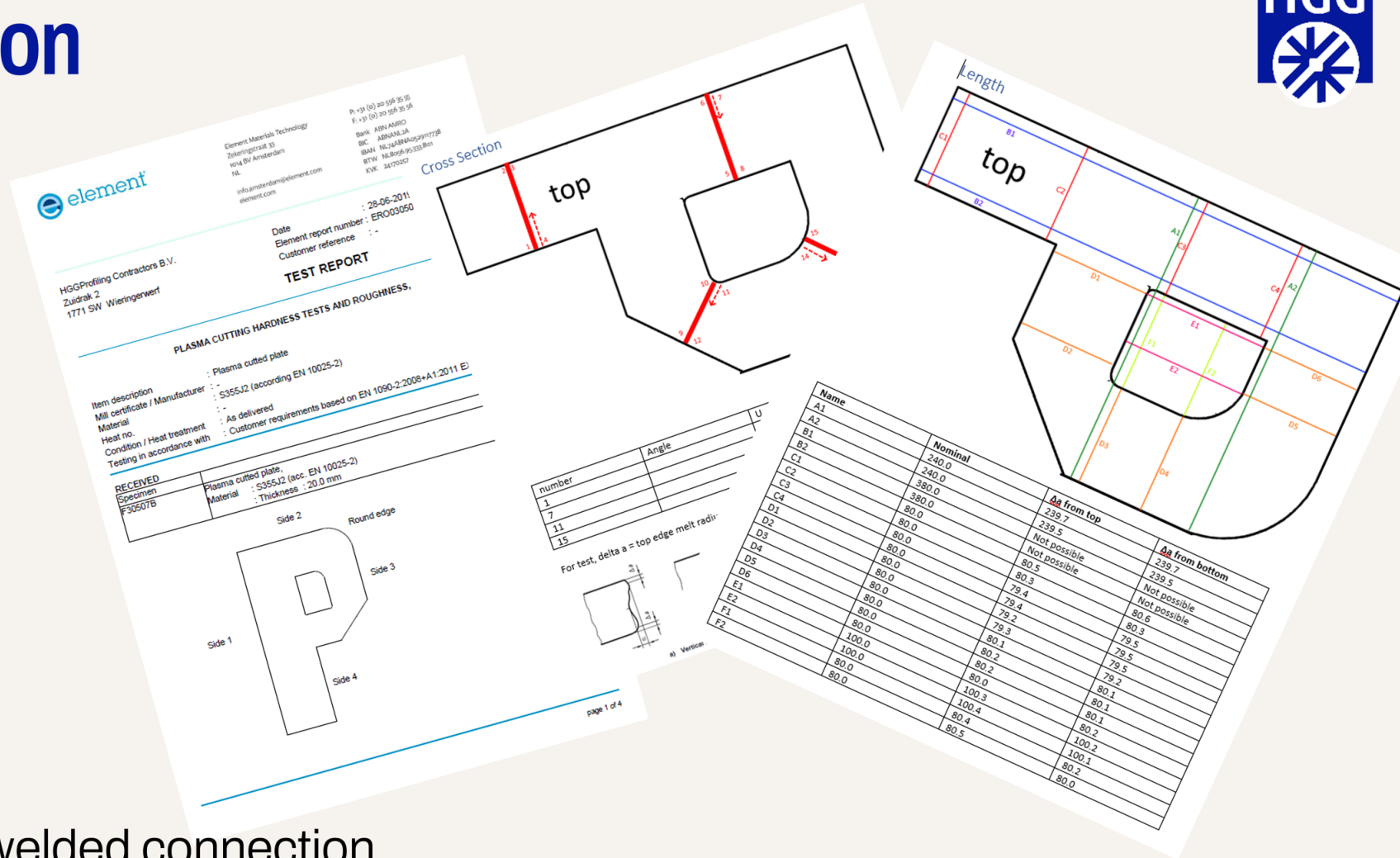




Integrated with your workflow

- Everything starts with the model — Tekla, Autodesk, Strumis.
- Ends with a perfectly cut part.
- One digital flow from design to production.

Steel construction



- Layout marking
- Bolted connection vs welded connection
- Nen 1090 – Execution class 3 - HAZ / Ovality / Roundness / Tapered
- Complexity cuts vs speed

We don't weld — we make welding work.

Together with iTec, we provide building blocks for predictive construction.

Every part fits — right the first time.

We don't weld — we make welding work.

Transforming Structural Steel Fabrication

André Ferreira, Business Development Manager @ AGT Robotics
06.11.2025

Your welders are busy with...

- Equipment setup
- Cleaning surfaces for welding
- Cutting correct pre weld butt angles
- Going to get coffee
- Grinding out bad welds
- Rewelding bad welds
- Cleaning welding equipment
- Calculating amps/voltage
- Calculating wire feed speeds
- Fetching rods/wire/gas cylinders
- Filling out work orders
- Getting safety equipment
- Looking up welding codes
- Post weld heat treating
- Preheating surfaces for welding
- Setting shielding gas flows

12%

Arc-On Time

7 minutes out of 1 hour



With a welding robot

Arc-On Time
can average up to

65%

40 minutes out of 1 hour



No robots in structural steel! **Why?**



When, every beam is
different

Low volumes
High mix

using robots is not viable...

30 minutes of welding

=

3 hours of programming!

No robots in structural steel! **Why?**

7x more robots in
automotive industry!

High volumes
Low mix



Program 1x for 100.000x parts



So, when it comes to welding...

**Structural Steel
Fabricators **have**
a problem...**

Between a rock and a hard place

Big Problem

MARKET

OPERATION

HUMAN
RESOURCES

Between a rock and a hard place

Big Problem



Welders are hard to find,
expensive

MARKET

OPERATION

**HUMAN
RESOURCES**

Between a rock and a hard place

Big Problem



Welders are hard to find,
expensive

MARKET



Process is hard to
automate and
represents 30% of
operation

OPERATION

**HUMAN
RESOURCES**

Between a rock and a hard place

Big Problem



Welders are hard to find,
expensive

MARKET



Process is hard to
automate and
represents 30% of
operation

OPERATION



Welders are inefficient
and there isn't much that
can be done about it

**HUMAN
RESOURCES**



About AGT



Headquarters:

Trois-Rivières, QC, Canada

Offices:

Montreal, QC, Canada

Calgary, AB, Canada

Dayton, OH, USA

Porto, Portugal, Europe



TROIS-RIVIÈRES



1h30 from Montreal Airport



About AGT

The world leader in **autonomous robotic systems** for **high-mix fabrication** of heavy products.

32 years of history

More than **1000 systems** sold

136 specialized staff

Export to more than **13 countries**

USA, Canada, Mexico, Australia, Europe, Asia

140 BeamMaster systems in operation across the world



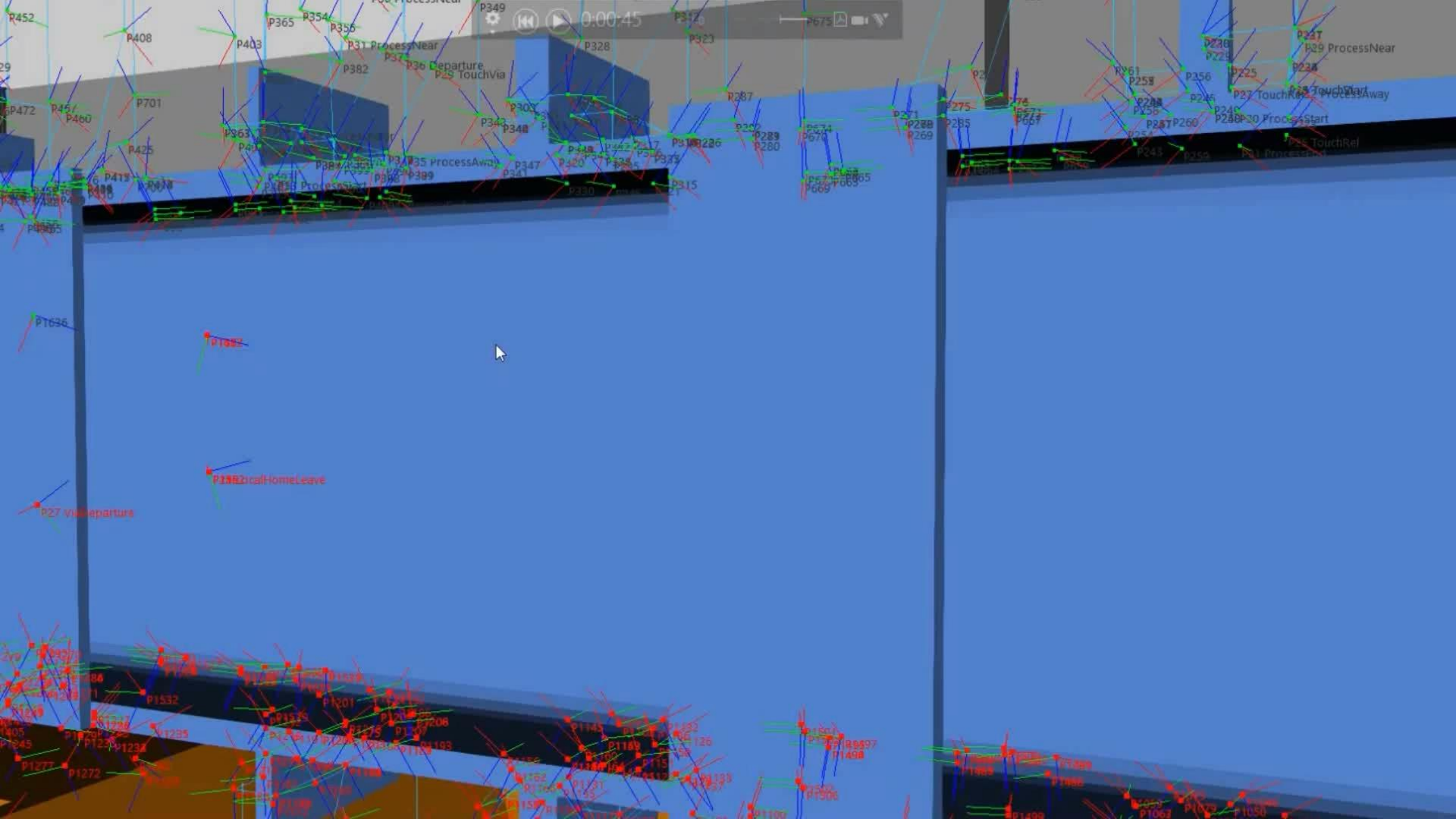
Capacity to manufacture over **60 automatic programming systems** per year.

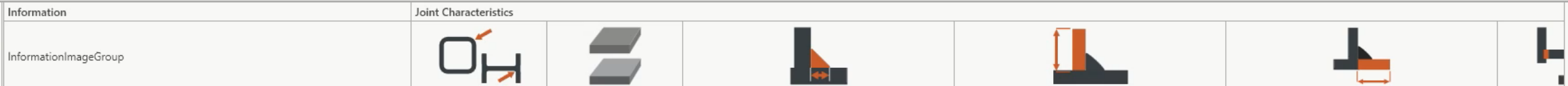


The most **SOLD**
system in the **WORLD**

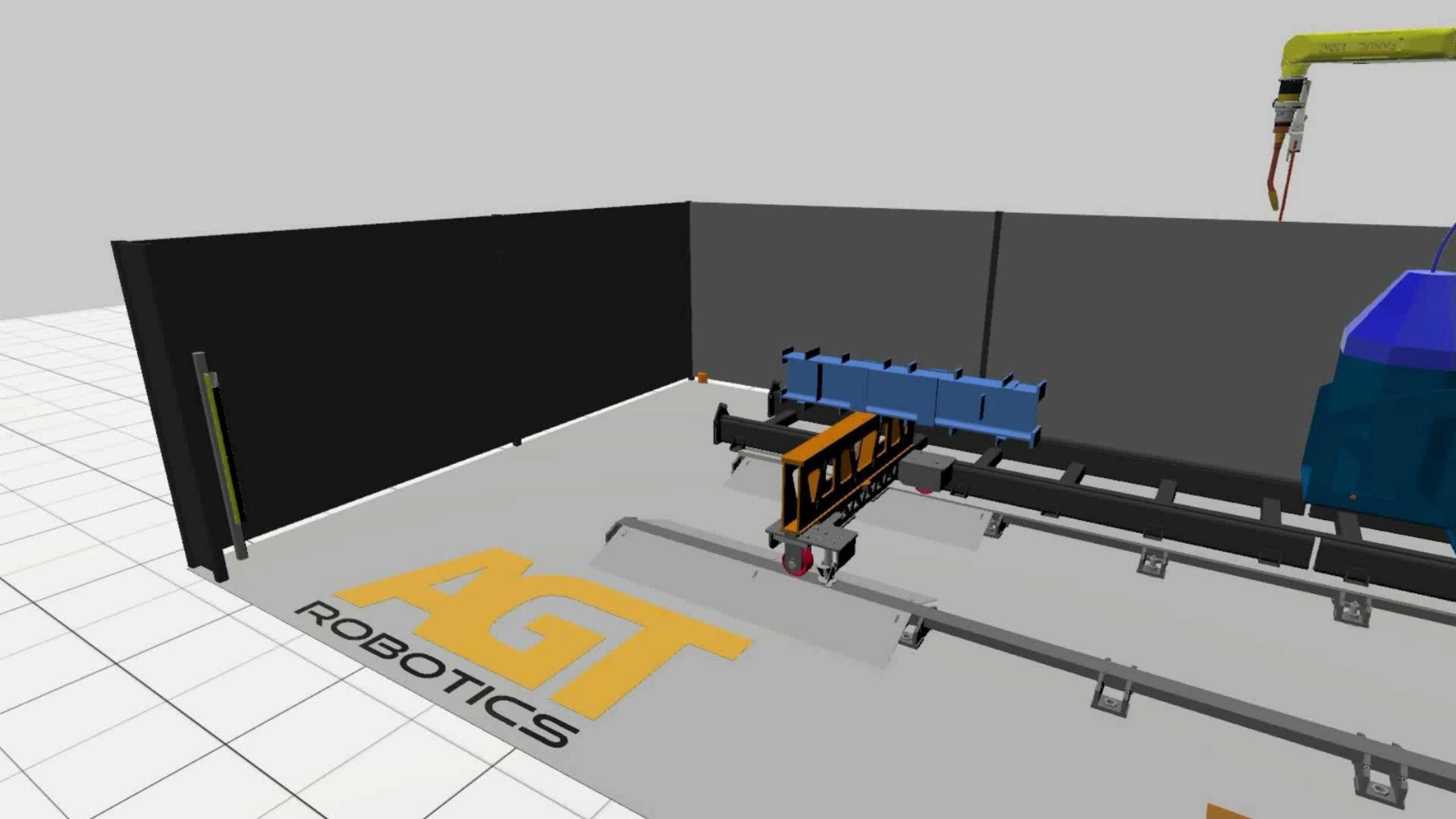








Source	Active	Last Modified	Special Joint Type	Surface Finish	Weld Leg Size Min	Weld Leg Size Max	Wall Height Min	Wall Height Max	Floor Width Min	Floor Width Max	Parts Interfac
Click here to add a new row											
AGT	Active	2022-02-21 14:20:08	Any	Mill Scale/Rust (Scale100)	5,5 mm	6,5 mm	8,5 mm	999 mm	8,5 mm	999 mm	Horiz
AGT	Active	2020-04-06 14:02:58	Any	Mill Scale/Rust (Scale100)	5,5 mm	6,5 mm	8,5 mm	999 mm	8,5 mm	999 mm	Ver
AGT	Active	2020-04-06 14:02:58	Any	Mill Scale/Rust (Scale100)	7,5 mm	8,5 mm	10,5 mm	999 mm	10,5 mm	999 mm	Horiz
AGT	Active	2020-04-06 14:02:58	Any	Mill Scale/Rust (Scale100)	7,5 mm	8,5 mm	10,5 mm	999 mm	10,5 mm	999 mm	Ver
AGT	Active	2020-04-06 14:02:58	Any	Mill Scale/Rust (Scale100)	5,5 mm	6,5 mm	5,5 mm	8,5 mm	8,5 mm	999 mm	Horiz
AGT	Active	2020-04-06 14:02:58	Any	Mill Scale/Rust (Scale100)	5,5 mm	6,5 mm	5,5 mm	8,5 mm	8,5 mm	999 mm	Ver
AGT	Active	2020-04-08 14:07:59	Any	Sandblasted/HSS (Scale0)	5,5 mm	6,5 mm	8,5 mm	999 mm	8,5 mm	999 mm	Horiz
AGT	Active	2020-04-08 14:03:38	Any	Sandblasted/HSS (Scale0)	5,5 mm	6,5 mm	8,5 mm	999 mm	8,5 mm	999 mm	Ver
AGT	Active	2020-04-06 14:02:58	Any	Sandblasted/HSS (Scale0)	5,5 mm	6,5 mm	5,5 mm	8,5 mm	8,5 mm	999 mm	Horiz
AGT	Active	2020-04-06 14:02:58	Any	Sandblasted/HSS (Scale0)	5,5 mm	6,5 mm	5,5 mm	8,5 mm	8,5 mm	999 mm	Ver
AGT	Active	2020-04-06 14:02:58	Any	Mill Scale/Rust (Scale100)	7,5 mm	8,5 mm	7,5 mm	10,5 mm	10,5 mm	999 mm	Horiz
AGT	Active	2020-04-06 14:02:58	Any	Mill Scale/Rust (Scale100)	7,5 mm	8,5 mm	7,5 mm	10,5 mm	10,5 mm	999 mm	Ver
AGT	Active	2020-04-06 14:02:58	Any	Sandblasted/HSS (Scale0)	7,5 mm	8,5 mm	10,5 mm	999 mm	10,5 mm	999 mm	Horiz
AGT	Active	2020-04-06 14:02:58	Any	Sandblasted/HSS (Scale0)	7,5 mm	8,5 mm	7,5 mm	10,5 mm	10,5 mm	999 mm	Horiz
AGT	Active	2020-04-06 14:02:58	Any	Mill Scale/Rust (Scale100)	5,5 mm	6,5 mm	8,5 mm	999 mm	8,5 mm	999 mm	Ver
AGT	Active	2020-04-06 14:02:58	Any	Mill Scale/Rust (Scale100)	5,5 mm	6,5 mm	8,5 mm	999 mm	8,5 mm	999 mm	Ver
AGT	Active	2020-04-06 14:02:58	Any	Sandblasted/HSS (Scale0)	5,5 mm	6,5 mm	5,5 mm	30 mm	8,5 mm	999 mm	Horiz
AGT	Active	2020-04-06 14:02:58	Any	Mill Scale/Rust (Scale100)	5,5 mm	6,5 mm	5,5 mm	30 mm	8,5 mm	999 mm	Horiz
AGT	Active	2020-04-06 14:02:58	Any	Sandblasted/HSS (Scale0)	7,5 mm	8,5 mm	10,5 mm	999 mm	10,5 mm	999 mm	Ver
AGT	Active	2020-04-06 14:02:58	Any	Sandblasted/HSS (Scale0)	7,5 mm	8,5 mm	7,5 mm	30 mm	10,5 mm	999 mm	Horiz
AGT	Active	2020-04-06 14:02:58	Any	Sandblasted/HSS (Scale0)	7,5 mm	8,5 mm	7,5 mm	10,5 mm	10,5 mm	999 mm	Ver
AGT	Active	2020-04-06 14:02:58	Any	Mill Scale/Rust (Scale100)	7,5 mm	8,5 mm	7,5 mm	30 mm	10,5 mm	999 mm	Horiz
AGT	Active	2020-04-06 14:02:58	Any	Mill Scale/Rust (Scale100)	4,5 mm	5,5 mm	7,5 mm	999 mm	7,5 mm	999 mm	Horiz
AGT	Active	2020-04-06 14:02:58	Any	Sandblasted/HSS (Scale0)	9,5 mm	10,9 mm	12,5 mm	999 mm	12,5 mm	999 mm	Horiz
AGT	Active	2020-04-06 14:02:58	Any	Mill Scale/Rust (Scale100)	4,5 mm	5,5 mm	7,5 mm	999 mm	7,5 mm	999 mm	Horiz
AGT	Active	2020-04-06 14:02:58	Any	Mill Scale/Rust (Scale100)	4,5 mm	5,5 mm	7,5 mm	999 mm	7,5 mm	999 mm	Horiz
AGT	Active	2020-04-06 14:02:58	Any	Mill Scale/Rust (Scale100)	4,5 mm	5,5 mm	7,5 mm	999 mm	7,5 mm	999 mm	Horiz
AGT	Active	2020-04-06 14:02:58	Any	Mill Scale/Rust (Scale100)	4,5 mm	5,5 mm	7,5 mm	999 mm	7,5 mm	999 mm	Horiz
AGT	Active	2020-04-06 14:02:58	Any	Mill Scale/Rust (Scale100)	9,5 mm	10,9 mm	12,5 mm	999 mm	12,5 mm	999 mm	Horiz
AGT	Active	2020-04-06 14:02:58	Any	Mill Scale/Rust (Scale100)	4,5 mm	5,5 mm	7,5 mm	999 mm	7,5 mm	999 mm	Ver
AGT	Active	2020-04-06 14:02:58	Any	Mill Scale/Rust (Scale100)	4,5 mm	5,5 mm	7,5 mm	999 mm	7,5 mm	999 mm	Ver
AGT	Active	2020-04-06 14:02:58	Any	Mill Scale/Rust (Scale100)	4,5 mm	5,5 mm	7,5 mm	999 mm	7,5 mm	999 mm	Ver
AGT	Active	2020-04-06 14:02:58	Any	Mill Scale/Rust (Scale100)	4,5 mm	5,5 mm	7,5 mm	999 mm	7,5 mm	999 mm	Ver



**HOW IT
WORKS**

Configurations

BeamMaster Configurations for Every Need



Single zone

Autonomous welding powered by CORTEX



L 68-ft
20,7m

H 13-ft
3,9m

D 16ft-6in
5,0m

50-ft · 15m
LONGEST BEAM
in ONE zone

AFFORDABLE & MODULAR

THROUGHPUT



1,572 tons
per month

Performance	Parts/Month	Tons/Month	Tons/Year
Fabricated	595	281	3,376
Light Structural Steel	533	433	5,186
Heavy Structural Steel	630	1,572	18,870

SECTION

I 48-in · 1,2m

W Beam				HSS Closed Rectangular Column			
Section	Min.	W5 x 14	W 150 x 22	Section	Min.	6" x 6" x 0,188	152 x 152 x 4,8 mm
	Max.	W48	W 1220 mm		Max.	20" x 20"	508 x 508 mm
Length	Min.	4 ft.	1,21 m	Length	Min.	4 ft.	1,21 m
	Max.	50 ft.	15,2 m		Max.	50 ft.	15,2 m

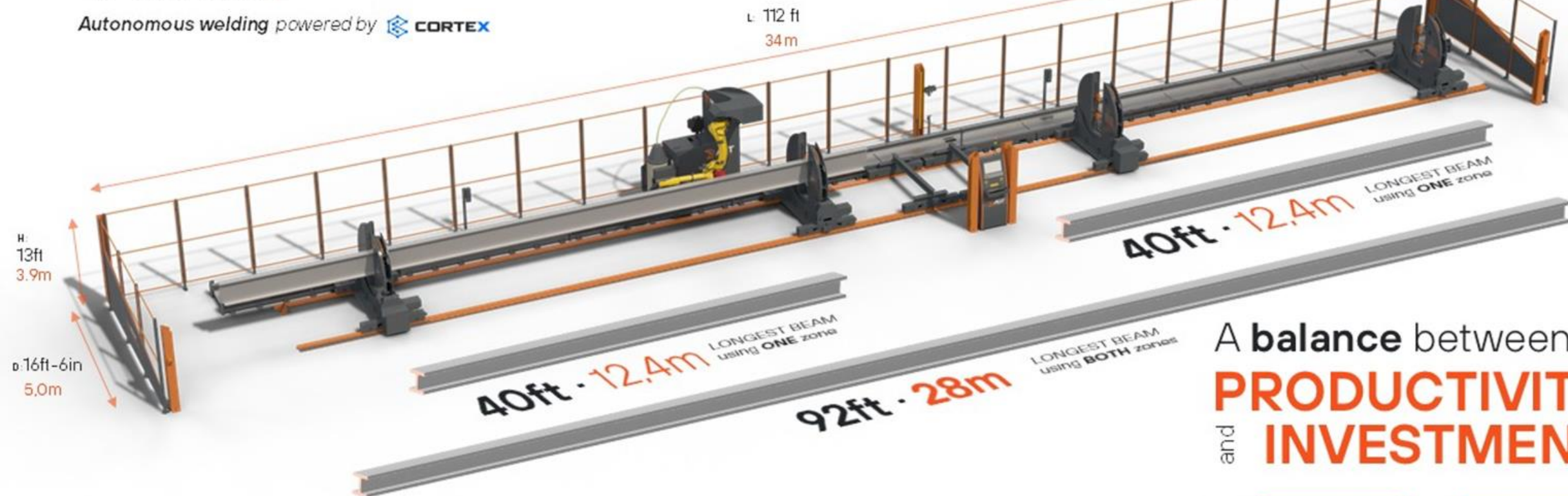
1
Zone



1
Robot

BEAM MASTER | Plus

Autonomous welding powered by  CORTEX



A balance between
PRODUCTIVITY
and
INVESTMENT

THROUGHPUT



1,850 tons per month

Performance	Parts/Month	Tons/Month	Tons/Year
Fabricated	700	331	3,972
Light Structural Steel	628	510	6,100
Heavy Structural Steel	742	1,850	22,200

SECTION

I 48-in · 1,2m

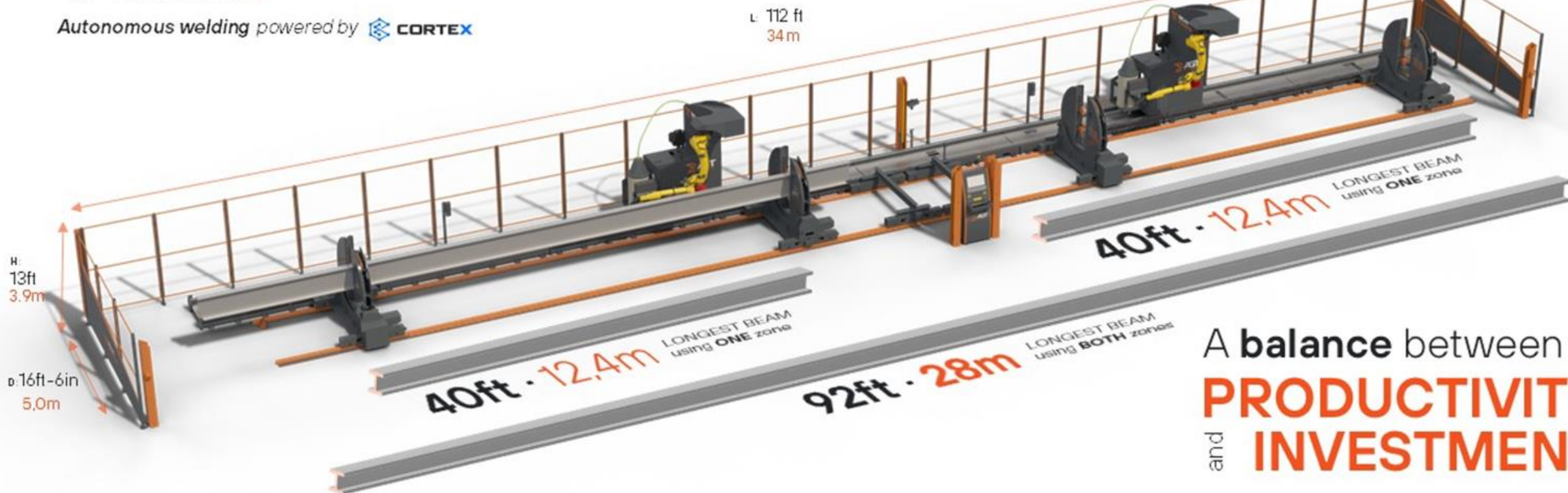
W Beam			
Section	Min	W6 x 14	W 150 x 22
	Max	W48	W 1220 mm
Length	Min	4 ft.	1,21 m
	Max	50 ft.	15,2 m

HSS Closed Rectangular Column			
Section	Min	6" x 6" x 0,188	152 x 152 x 4,8 mm
	Max	20" x 20"	508 x 508 mm
Length	Min	4 ft.	1,21 m
	Max	50 ft.	15,2 m



BEAM MASTER | Twin+

Autonomous welding powered by  CORTEX



A balance between
PRODUCTIVITY
and
INVESTMENT

THROUGHPUT



3,145 tons
per month

Performance	Parts/Month	Tons/Month	Tons/Year
Fabricated	1,190	532	6,752
Light Structural Steel	10,67	867	10,370
Heavy Structural Steel	1,261	3,145	37,740

SECTION

I 48-in · 1,2m

W Beam			
Section	Min	W6 x 14	W 150 x 22
	Max	W48	W 1220 mm
Length	Min	4 ft.	1,21 m
	Max	50 ft.	15,2 m

HSS Closed Rectangular Column			
Section	Min	6" x 6" x 0,188	152 x 152 x 4,8 mm
	Max	20" x 20"	508 x 508 mm
Length	Min	4 ft.	1,21 m
	Max	50 ft.	15,2 m



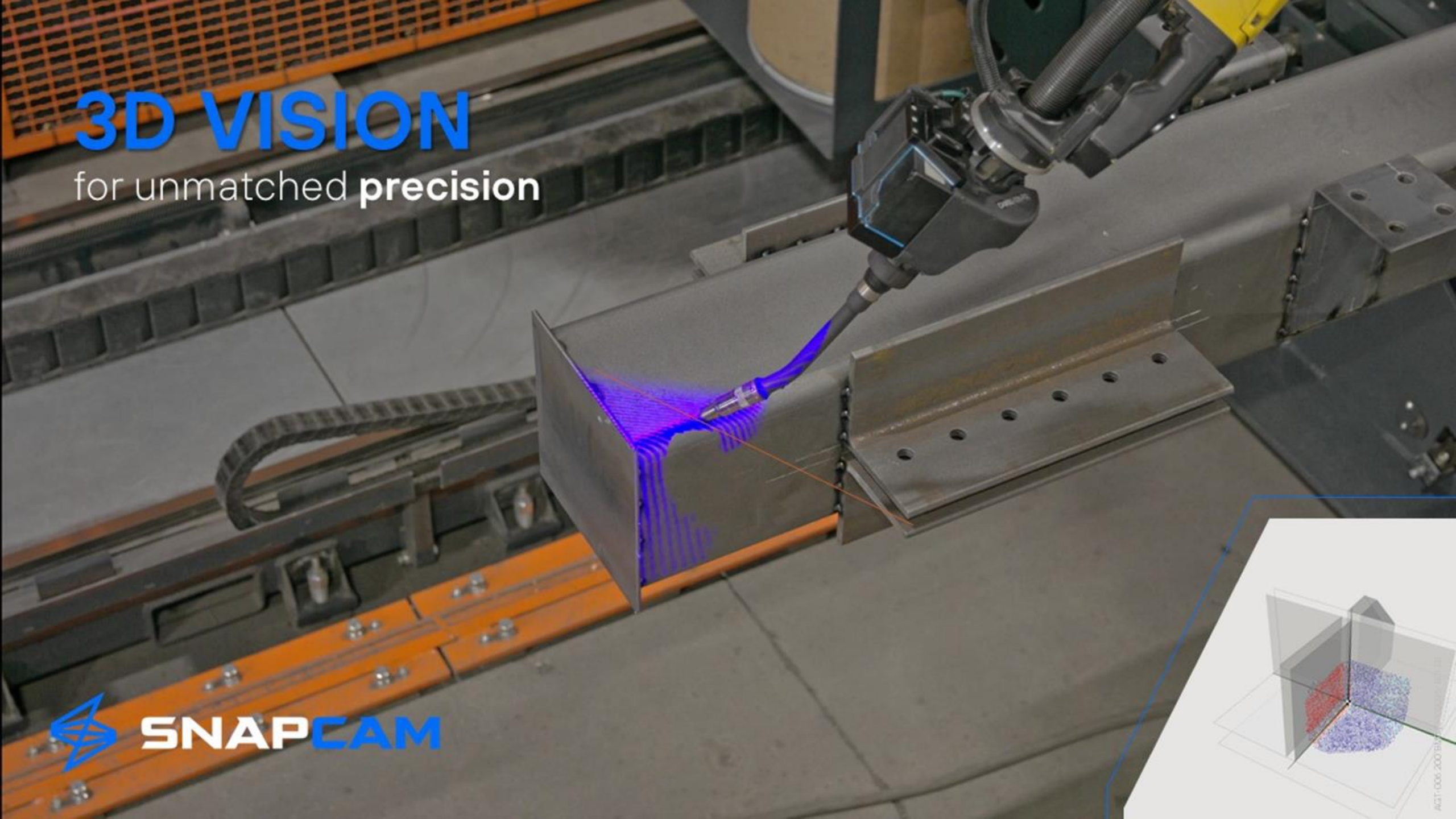
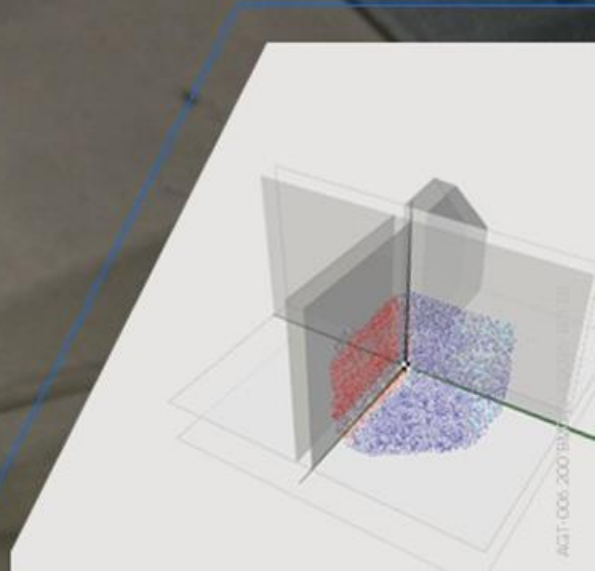


WIRELESS Touchscreen Tablet and Industrial REMOTE



3D VISION

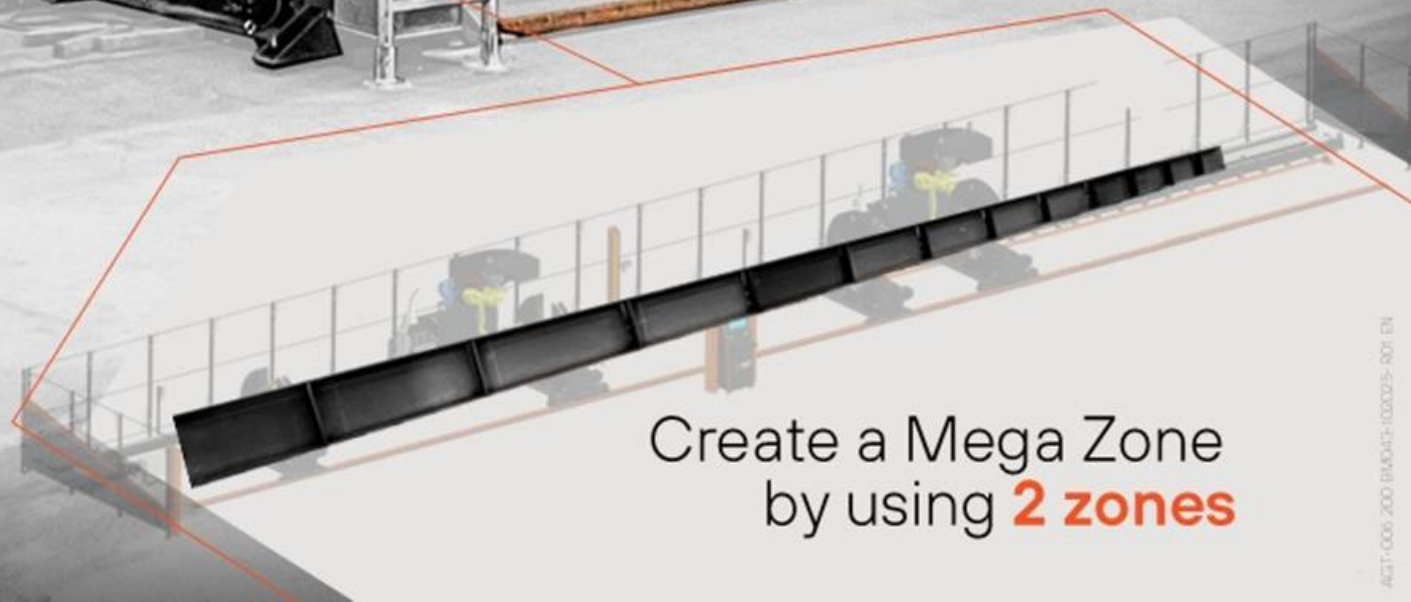
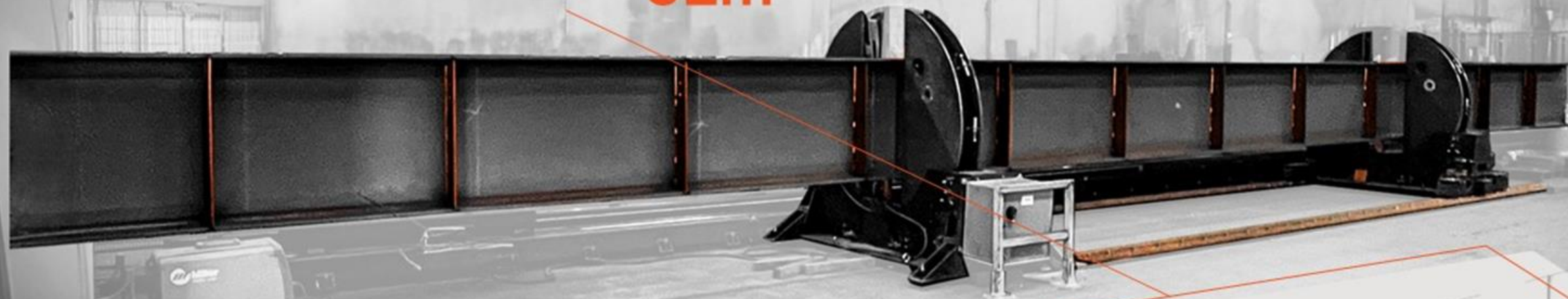
for unmatched **precision**



Use Cases

Real solutions to real production

Handles **very**
LONG BEAMS
up to **32m**



Create a Mega Zone
by using **2 zones**



Handles **very**
WIDE BEAMS
up to **2000mm**



ms

CORTEX

Tekla
A Trimble Solution

Handles a **variety** of
TAPERED BEAMS

Weld Web to Flange on **FABRICATED BEAMS**



Effortlessly handles
LARGE ASSEMBLIES

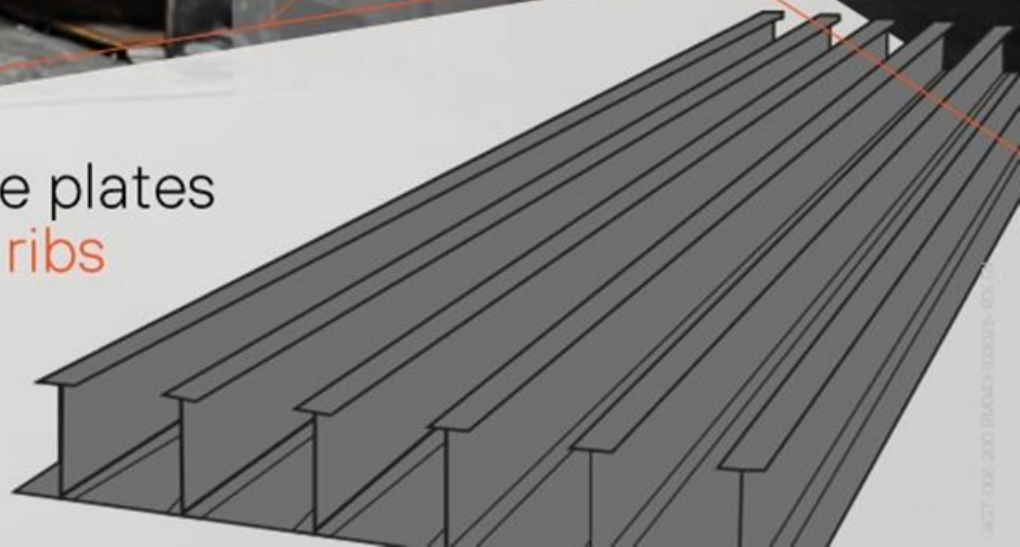


Supports

MISCELLANEOUS

assemblies

Large plates
with ribs



Perfect welds on
CLEAN & DIRTY
material





ROTISSERIE
welding 24 components
OVERNIGHT



THROUGH PLATE

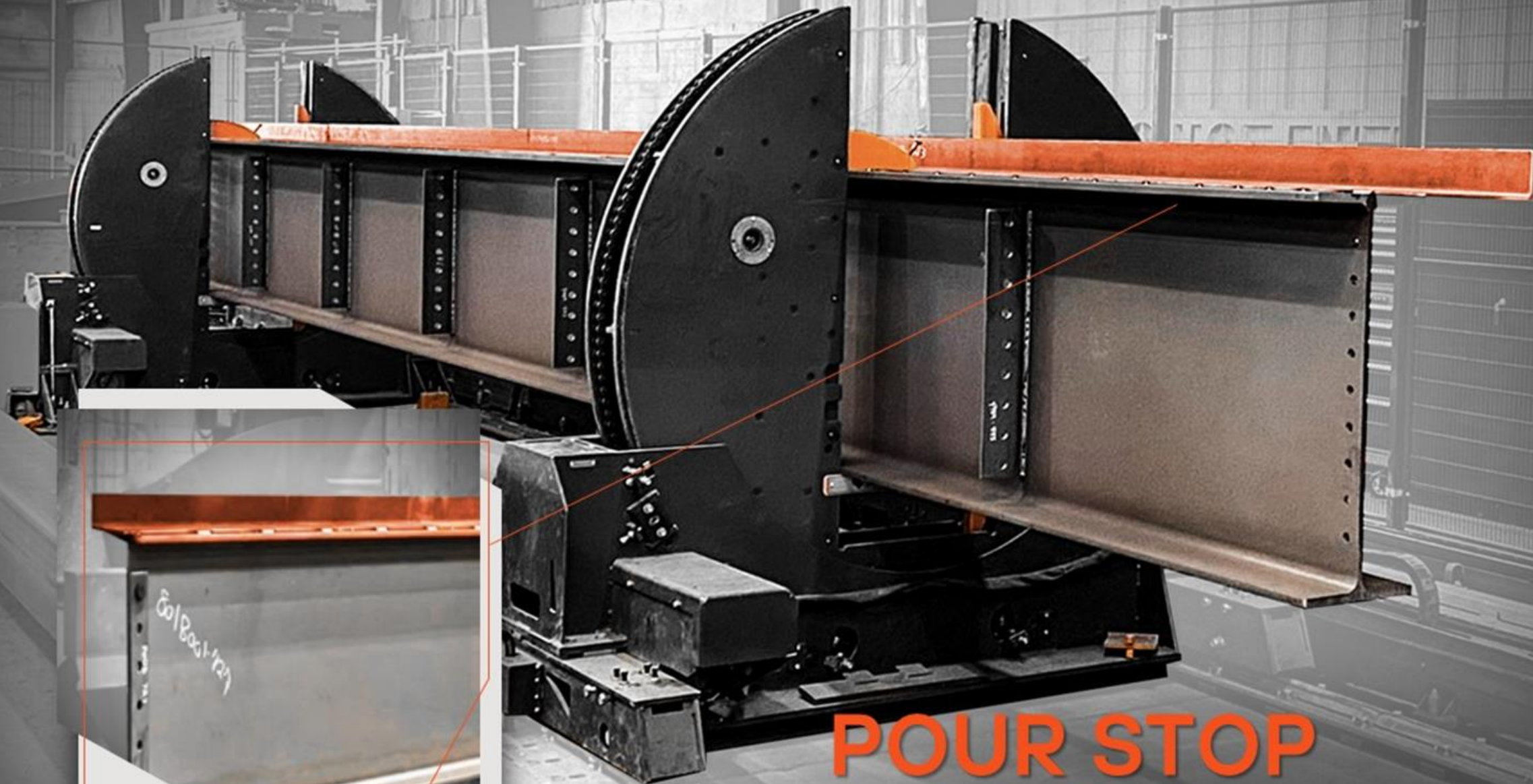
Peak Flexibility





NON-TYPICAL PARTS

Versatility at Its Best



POUR STOP
Unmatched **Adaptability**

STIFFENERS

STIFFENERS

STIFFENERS

STIFFENERS



MULTIPASS
up to **22mm**

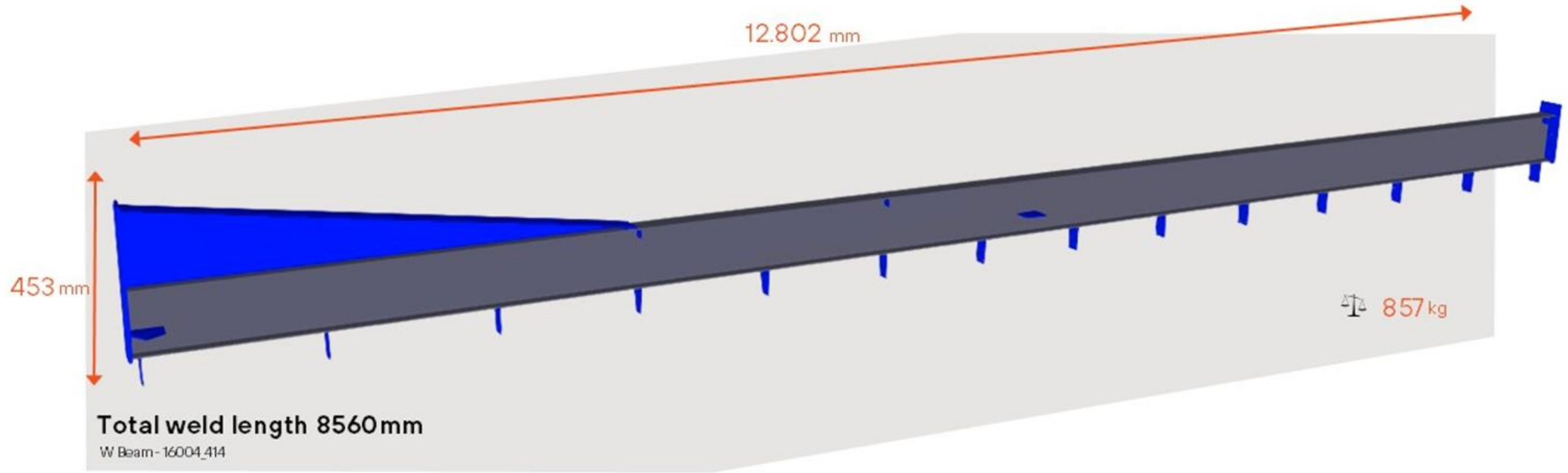
PREHEAT

directly within the

CELL



Proven business model



BEAMMASTER

Productivity

151

tons/month

177

beams/month

Cycle Time

57

minutes

Manual Welder

Productivity

36

tons/month

42

beams/month

Cycle Time

237

minutes

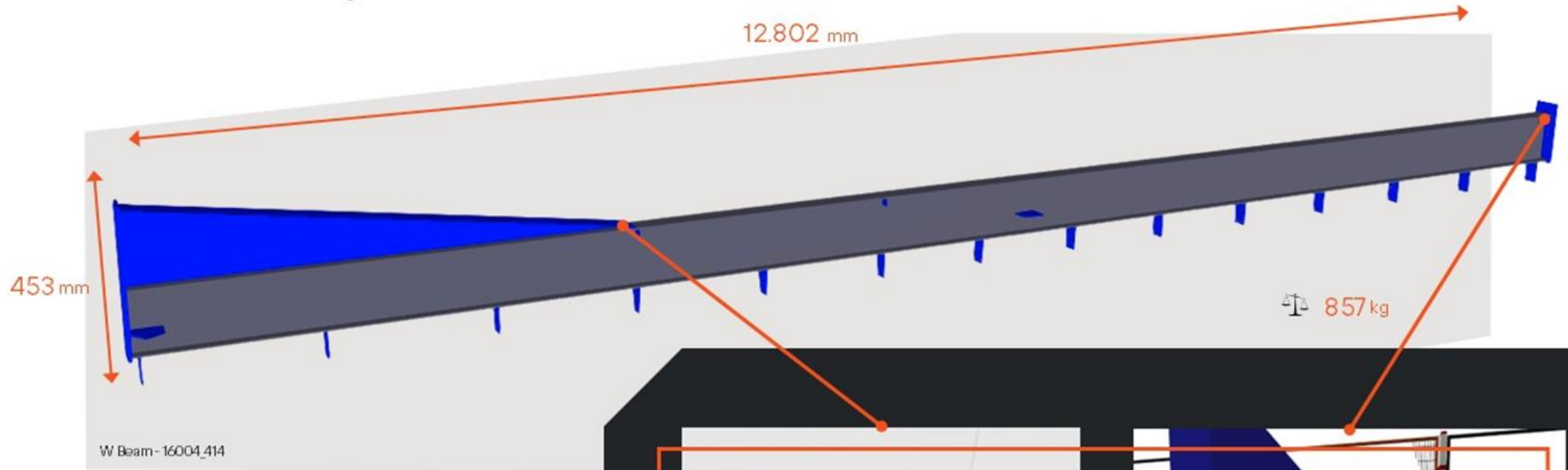
The BeamMaster has 4x times the productivity

*1 shift of 8 hours

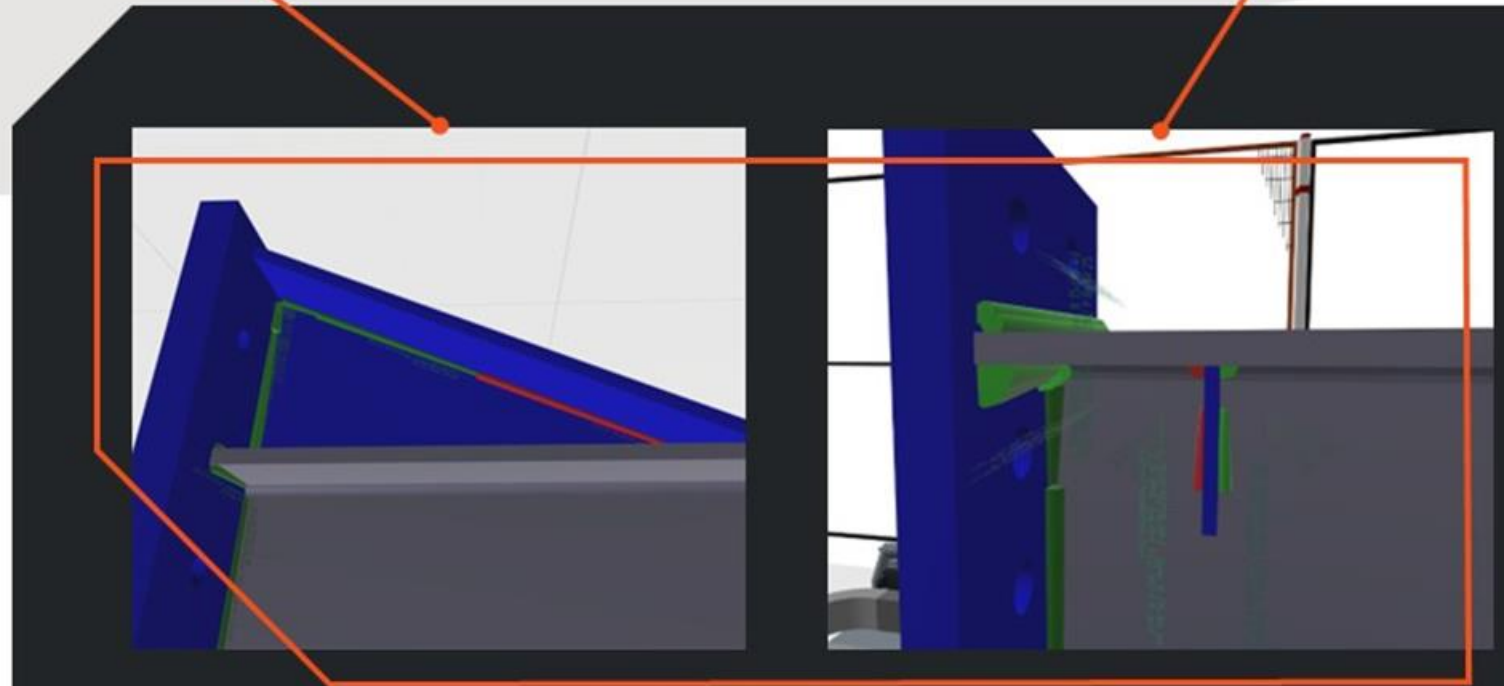
We're not selling dreams

"OK... but you can't calculate
things that way"

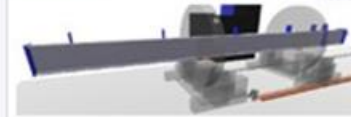
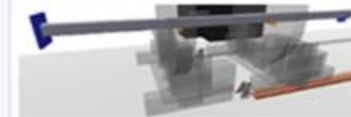
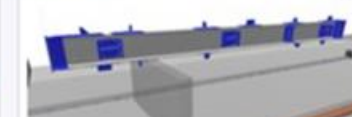
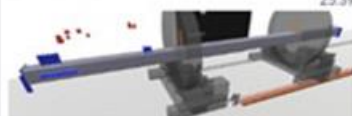
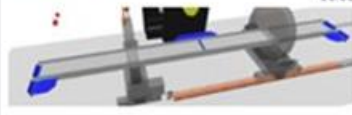
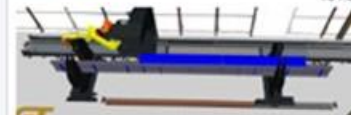
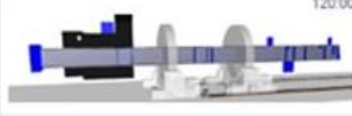
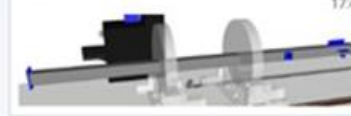
We're not selling dreams



There are
some limitations...



We'll look at your specific case

C_EM2_A3 Download File  16.00	96 Download File  17.56	1500 Download File  30.00	501C2 Download File  07.00	LEGO Download File  79.01	6_21K Download File  130.01
17340_B110062 Download File  18.00	17369_C110034 Download File  25.39	16004_22_132610008 Download File  20.08	C_EM1_P6 Download File  45.01	16004_414 Download File  57.15	1777_C65 Download File  33.01
104_3816 Download File  46.08	103_28155 Download File  85.00	PourFormExample modified 782009 Download File  151.00	4106_112824 new result Download File  28.00	C15 Download File  37.20	C_EM1_P6 New Results Download File  42.00
T11 New results Download File  37.43	P1_P New Result Download File  120.00	P222 New Result Download File  28.23	17369_C110034NewResult05_2024 Download File  17.43		

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Testimonials

Emotional impact



- One of AGT's best customers, had 176M\$ in revenue in 2018.
- Bought the first BeamMaster in late 2019, and two more in 2021.
- Their sales revenue for 2021 was 244M\$ and in 2022, 389M\$
- In 2023 they bought 3 more BeamMasters.

With our help, Schulte more than double their revenue in 4 years, that's 219M\$ more.

+40,000 ton/year



- Bought the first BeamMaster in 2021, has bought 3x more robots since. Projection of buying 4x more in 2024. -> 8x welding robots in 3 years!

"The addition of robotic welders within Prime's manufacturing process has provided many benefits for both Prime's customers and employees, and this is only the foundation for the technological enhancements that are to come in the metal building industry."

25,000 ton/year



- Bought a BeamMaster despite only one multiple drill line and small production

Doubled throughput from 30 Ton/week to 60 is less than 6 months, expanding to different structure fabrication.

Added the second shift to further increase productivity of the BeamMaster system.

1,500 ton/year

Robotic welding is the future...

**If you start a farm,
you don't hire 100x farmers**

Robotic welding is the future...

You buy a tractor



If you start a farm,
you don't hire 100x farmers

Robotic welding is the future...

Without manual programming, automatic welding systems allows for:

- **Extra working hours** - lunch, end of day, painting shift,...
- **More predictability** - doesn't get sick, doesn't require training, ...
- **Higher control over bottlenecks** - easy to source and to manage
- **Take more complex/diverse jobs** - the robot is most profitable with weld intensive beams, manual welders can be allocated to more enjoyable jobs,...
- **Repeatability of process** - robot performs the same way every time
- **State of the art** - more technological shopfloor to showcase to clients

You buy a tractor



If you start a farm,
you don't hire 100x farmers

AGT is the BEST



- **Fastest** – SnapCam 5 seconds vs 20 (LTS)
- **Easy to use** – fit and weld are more complex (customer feedback)
- **The most versatile** – largest choice of profiles and connection types
- **Modular** – adapted to customer production requirements
- **Proven** – Market leader with 140 sold machines
- **Focused on welding** – offers welding database and has dedicated team of welding engineers



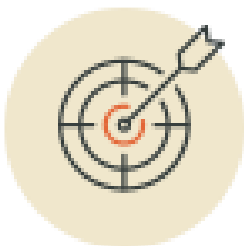
Autonomous Robotic Welding For High-Mix Fabrication





VÅR VISJON

Et førstevalg for industrien



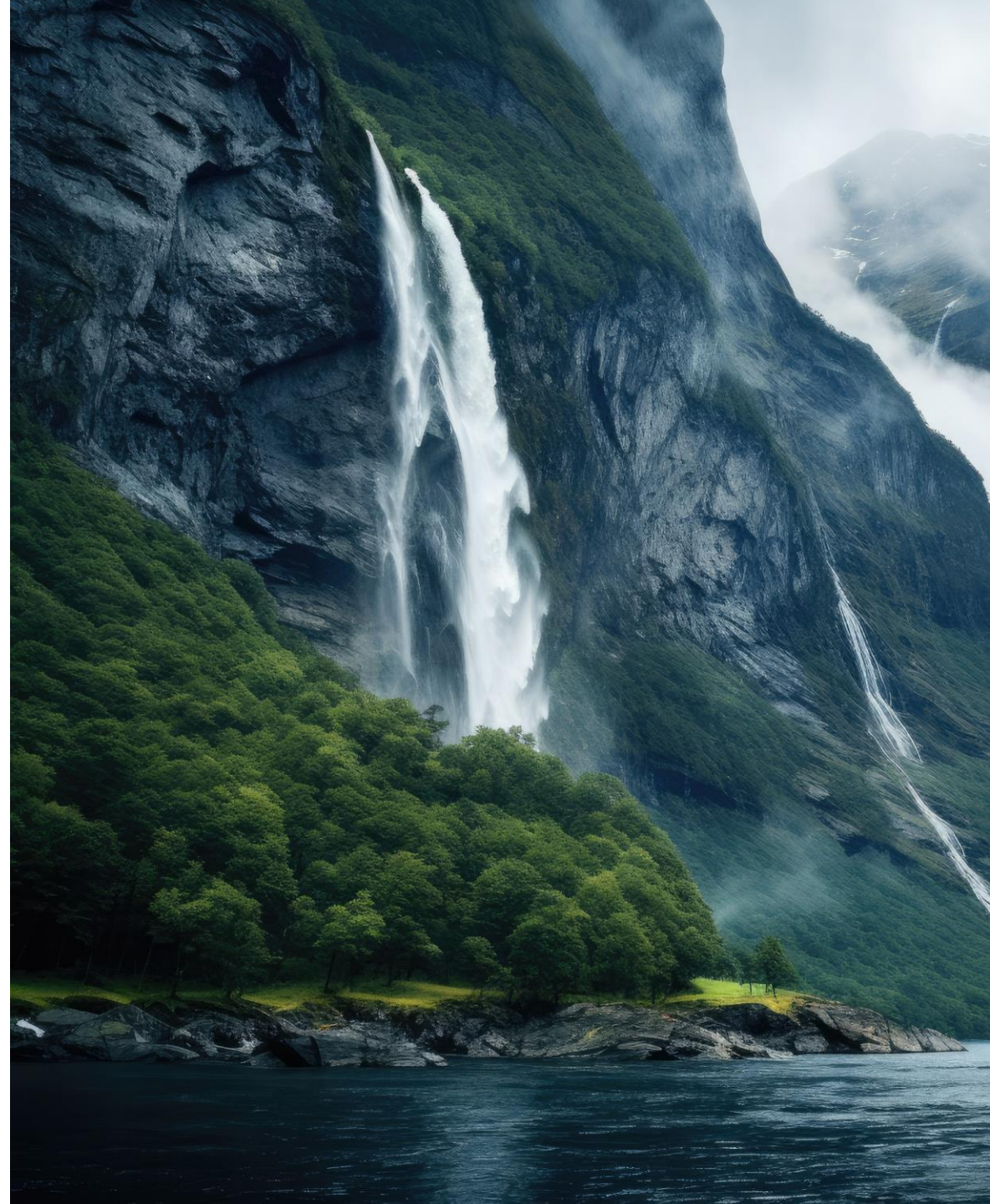
VÅR MISJON

Ledende på kvalitet, kompetanse og
leveranse av maskiner til norsk industri



VÅRE VERDIER

- Ærlig
- Interessert
- Presis



FØRSTEVALG FOR INDUSTRIEN – HVORFOR?

1. Helintegrerte løsninger
2. Digitalisering og automatisering
3. Bærekraft og energieffektivitet
4. Kvalitet og dokumentasjon
5. Fleksibilitet og skalerbarhet
6. Trygghet og support



01

A til Å

iTec har produktene til å håndtere hele produksjonen. Plate, rør eller profiler. Markedsledende maskinprodusenter som eier sin egen teknologi.

02

Løsningene

Med over 25 års erfaring har iTec kompetansen og erfaringen for å hjelpe deg med å finne riktig løsning for ditt behov. Vi skal være din samarbeidspartner like mye som løsningsleverandør. Sammen skal vi løse framtidens utfordringer.

03

Kompetansen

iTec kan hjelpe med prosjektering, levering og drift av hele produksjonsløpet. Du får ett punkt å forholde deg til.

04

Menneskene

iTec har en organisasjon som er rustet for å håndtere dine behov. Utviklingen av organisasjonen pågår kontinuerlig. iTec ønsker å være din innovative og fremtidsrettede samarbeidspartner.



TAKK FOR OPPMERKSOMHETEN

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