

## **Coractive**













& MANUFACTURER



OPTICAL FIBER FIBER LASER
DEVELOPER SUPPLIER

+60 EMPLOYEES



THE ONLY SUPPLIER OF

Phosphosilicate

FIBERS

+1,000 KM

OF OPTICAL FIBER
DELIVERED YEARLY





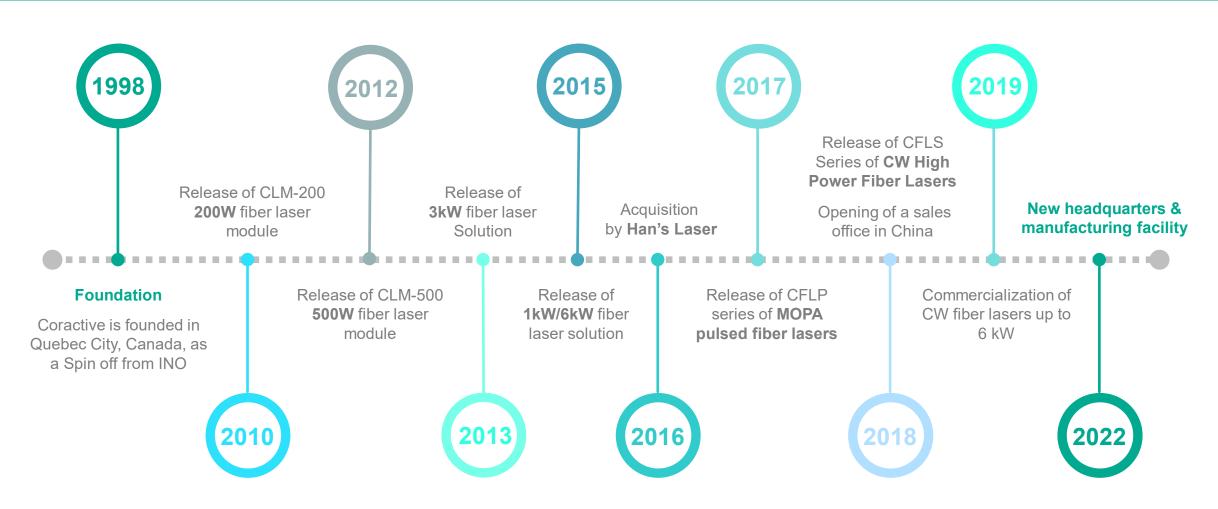
+25
PATENTS

MOSTLY FOR
FIBER LASER TECHNOLOGY

CORACTIVE

## **Our Expertise**

# More than 10 YEARS of experience in HIGH-POWER FIBER LASERS





## **Our Products Lines**

A selection of fiber lasers that will meet your specific needs and exceed the quality, reliability and performance of current market leaders.

#### **CFLS SERIES**

**High Power CW Fiber Lasers** 



1 kW - 8 kW

### **CFLP SERIES**

**Ns Pulsed Fiber Lasers** 



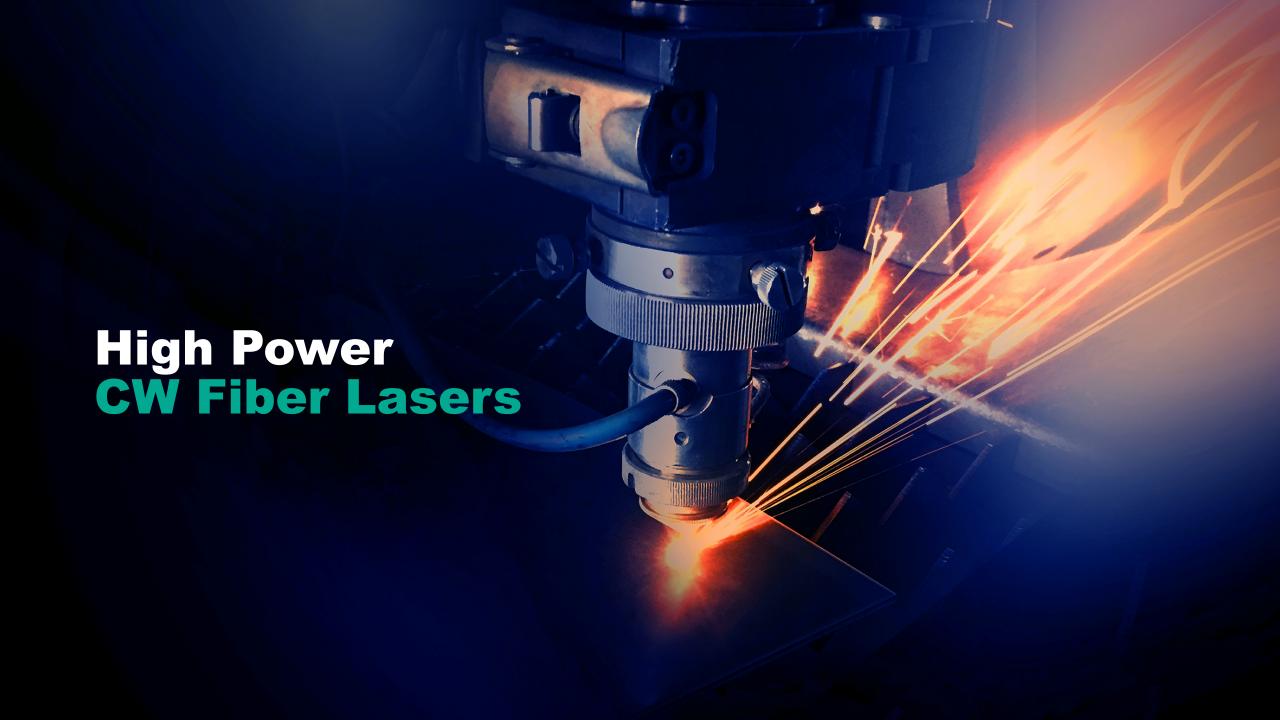
20 W - 100 W

#### **CDLR SERIES**

**Fiber Delivered Blue Lasers** 



120 W





- Output Power: 1 kW up to 8kW
- **High reliability** enables continuous cutting operations
- Outstanding back-reflection protection safe processing of highly reflective materials
- Industrial-grade quality durability in harsh manufacturing environments
- Remote diagnostic software for fast support

# **Designed for laser cutting applications**

- Designed in collaboration with Han's Laser, China's leader for metal sheet laser cutting systems
- Perfect integration of the fiber laser with Han's laser cutting system series : Electronics & software

**Exploit the full potential of fiber laser technology!** 

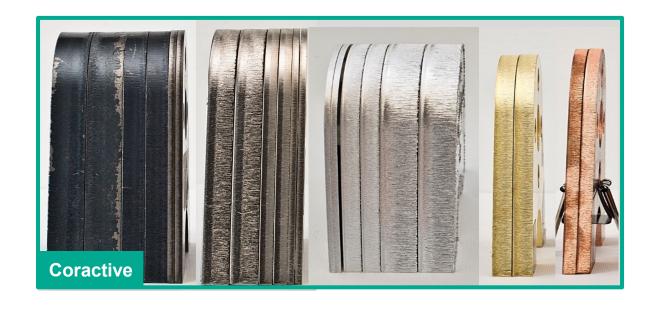


# **Best cutting performance** with any type of material

Material	Thickness (mm)	CORACTIVE 6 KW (Core Diameter: 100 μm)	MARKET LEADER (Core Diameter: 100 μm)
		Cutting Speed (m/min)	Cutting Speed (m/min)
Carbon Steel	3	3.8 – 4.5	4.0 - 5.0
	8	2.3 – 2.6	2.5 – 2.8
	12	1.7 – 2.1	1.6 – 1.9
	20	0.65 - 0.85	0.65 - 0.80
Stainless Steel	1	40 – 50	40 – 60
	3	15 – 18	16 – 22
	8	3.2 – 4.0	3.2 – 4.0
	12	1.2 – 1.5	1.2 – 1.5
	16	0.6 - 0.9	0.6 - 0.9
Aluminum Alloy	3	15 – 21	13 – 18
	8	2.4 – 3.6	2.0 – 3.0
	12	1.2 – 1.5	1.2 – 1.6
Brass	3	1.2 – 1.8	1.6 – 2.2
Copper	4	4.5 – 6.0	4.5 – 6.5
	6	2.0 – 3.0	2.0 - 3.0

- Coractive CW fiber laser achieves faster cutting speeds in comparison with the 6-kilowatt industry standard
- Cutting performances are enhanced when used with Han's Laser System

# Faster Speed, SAME High Cut Quality





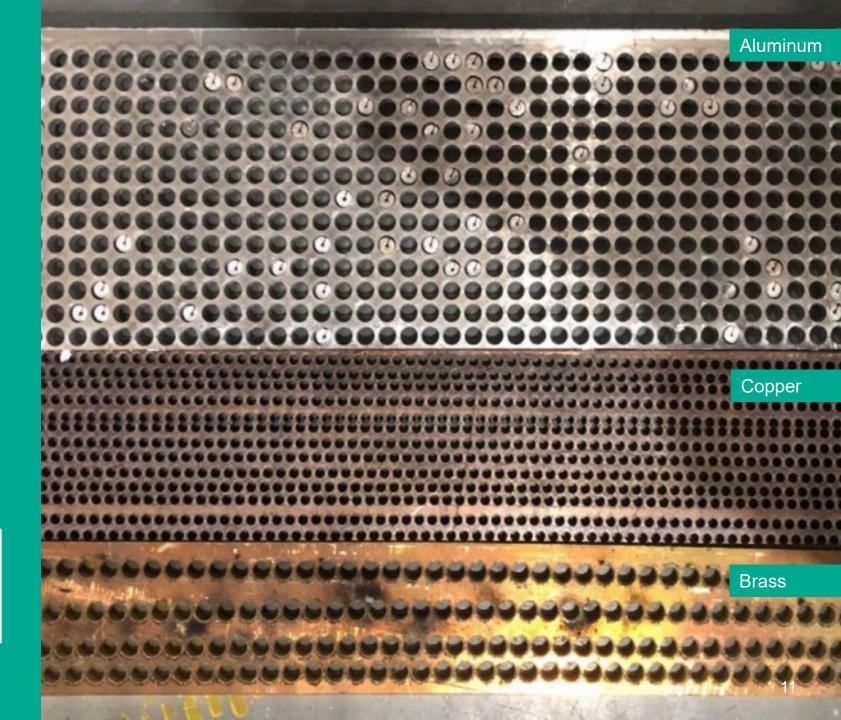
# Outstanding Back-Reflection Protection

- Up to 99%
- Enables continous piercing of highly reflective materials

1000 perforations



30 min operation



## **Built to Last**

Provide uncompromised productivity even in the **harshest** of **environments**.



## **Extensive product testing:**

- highly reflective materials cutting
- high temperature and high humidity environment

### Field-proven performance:

 hundreds of lasers deployed in the field since 2018

# Fast & Local Support

We deliver top-quality customer service



On-site & remote support

Head Office located in Quebec, Canada



Remote monitoring and diagnostic services



Quick response within 24 hours



Comprehensive support and training by a team of experts



