

VERY HIGH POWER FIBER LASERS



BY CAPITALIZING ON OUR COHERENT BEAM COMBINING TECHNOLOGY WE ARE ABLE TO OFFER FIBER LASERS WITH OUTPUT POWERS GREATER THAN **10kW** WITH **SINGLE MODE BEAM QUALITY OR VERY HIGH BRIGHTNESS MULTIMODE.**

WE ARE ABLE TO COMBINE MANY SEPARATE LASER CHANNELS AS PART OF OUR CBC ARCHITECTURE AND THEN CONTROL THEM ELECTRO-OPTICALLY.

THIS GIVES OUR NOVEL HIGH POWER FIBER LASERS AN INHERENT ABILITY TO PERFORM VERY HIGH SPEED (MHZ REGIME) SPATIAL AND TEMPORAL MODULATION, AND VARIABLE BEAM SHAPING AND PROFILE MANIPULATION – FOR IN-PROCESS DYNAMIC AND ADAPTIVE CONTROL. THIS OPENS UNLIMITED POSSIBILITIES IN MATERIALS PROCESSING AND MANY OTHER APPLICATIONS.

FEATURES:

- > 10KW OUTPUT POWER
- SINGLE MODE/ HIGH BRIGHTNESS MULTI MODE
- **ULTRA FAST DYNAMIC BEAM CONTROL AND SHAPING, SPATIAL AND TEMPORAL**
- 1064 NM WAVELENGTH

APPLICATIONS:

- ADVANCED MATERIALS PROCESSING
- DEFENSE APPLICATIONS
- LARGE DISTANCE APPLICATIONS



FOR INQUIRIES AND QUESTIONS: INFO@CIVAN.CO.IL

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