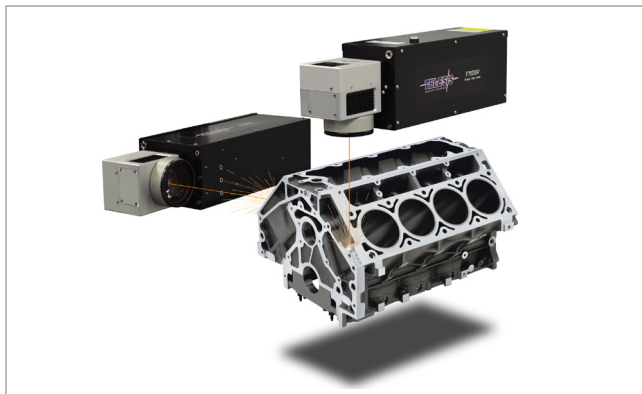


**TWO RUGGED FIBER LASERS.  
ONE CONTROLLER.**

## **F2H DUAL-HEAD MARKING SYSTEM**

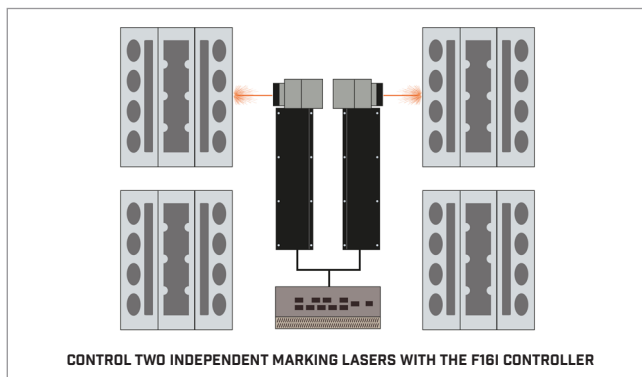


**UNMATCHED MARKING EFFICIENCY AND OPERATING PRODUCTIVITY**

**FASTER INTEGRATION WITH PATENTED DUAL-HEAD TECHNOLOGY**

**REDUCED PART HANDLING**

**INCREASED THROUGHPUT**



**CONTROL TWO INDEPENDENT MARKING LASERS WITH THE F161 CONTROLLER**

**▶ MOTF AND CUSTOM-ENGINEERED  
INTEGRATION SOLUTIONS AVAILABLE**

**GLOBAL SALES & SERVICE  
800.654.5696  
SALES@TELESISTECH.COM**



# TWO RUGGED FIBER LASERS. ONE CONTROLLER.

## F2H DUAL-HEAD MARKING SYSTEM

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### SYSTEM OPTIONS

- VARI-Z (DYNAMIC LASER FOCUS)
- TELEVIEW™ INLINE VISION
- READ TOOL COMMAND (MUST HAVE TELEVIEW)
- MARK-ON-THE-FLY (MOTF) SOFTWARE

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### SPECIFICATIONS

- AVAILABLE POWER WATTAGES: 30W, 50W, 75W
- CONTROLLERS: F16I OR F16SP (EXTERNAL PC) OR F16IE (EMBEDDED PC)
- DIMENSIONS (L X W) BASE HEADS (WITH/WITHOUT TELEVIEW VISION):  
22.791 IN X 5.076 IN (578.9 MM X 128.9 MM)  
DIMENSIONS (L X W) BASE HEADS + VARI-Z (WITH/WITHOUT TELEVIEW VISION):  
26.311 IN X 6.320 IN (668.3 MM X 160.5 MM)
- DIMENSIONS (H) – DEPENDENT ON HEAD MODEL AND LENS  
BASE HEADS (WITH/WITHOUT TELEVIEW VISION):
  - F100 LENS: 6.084 IN (154.57 MM)
  - F160 LENS: 6.009 IN (152.65 MM)
  - F163 LENS: 6.650 IN (168.98 MM)
  - F254 LENS: 7.178 IN (182.38 MM)
  - F330 LENS: 7.350 IN (186.76 MM)
  - F350 LENS: 6.771 IN (172.01 MM)
  - F420 LENS: 7.342 IN (186.49 MM)BASE HEADS + VARI-Z (WITH/WITHOUT TELEVIEW VISION):
  - F100 LENS: 5.654 IN (143.59 MM)
  - F160 LENS: 5.577 IN (141.63 MM)
  - F163 LENS: 6.216 IN (157.86 MM)
  - F254 LENS: 6.749 IN (171.39 MM)
  - F330 LENS: 6.884 IN (174.81 MM)
  - F350 LENS: 6.303 IN (160.05 MM)
  - F420 LENS: 6.905 IN (175.35 MM)
- MOUNTING WEIGHT (APPROXIMATE WITHOUT LENS AND TELEVIEW AND/OR VARI-Z OPTIONS): 15 LB. (6.82 KG)
- MOUNTING: FOUR FACTORY-TAPPED M6-1.00 HOLES (VARI-Z MOUNTING: THREE FACTORY-TAPPED M5 HOLES)
- POSITIONING: VISIBLE (RED) BEAM AIMING DIODE
- FIELD RESOLUTION: 16 BIT (65535 DATA POINTS)
- GALVANOMETER REPEATABILITY: < 22 MICRO RADIAN
- MARKING FIELD SIZE: LENS-DEPENDENT

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### SOFTWARE

TELESIS MERLIN® 2H LASER MARKING SOFTWARE

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