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Trend of Direct Materials Processing with High Power Diode Lasers

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Abstract: Recently, diode lasers with high power and high power density have been developing and many researches have been reported in many application fields of materials processing. In this report, beam characteristics of high power diode lasers and the trend of materials processing with high power diode lasers are discussed.

Key Words: [High power diode laser](#), [Materials processing](#), [Welding](#), [Cradding](#), [Surface modification](#), [Forming](#)

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