



Image processing for cutting and welding applications

Technical data

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CONFIGURATION

SYSTEMS AVAILABLE	TruLaser Cell 3000
AVAILABLE LASERS	TruDiode, TruDisk, TruFiber, TruPulse
AVAILABLE OPTIONS	Basic, Detect, Project Adjust (TruLaser Cell 3000)
AVAILABLE FOCAL LENGTHS	150 / 200 mm (FocusLine Professional) 150 / 200 / 250 mm (WeldLine Modular) 150 / 200 / 250 / 300 mm (BEO D50) 200 / 300 mm (BEO D70) 255 / 345 / 450 mm (PFO 33-2) 255 / 450 mm (PFO 3D-2)
LIGHTING	-

PARAMETERS

TYP. IMAGE PROCESSING TIME	80 ms - 150 ms
TYP. PRECISION OF THE WORKING DISTANCE SEARCH	$\pm 50 \mu\text{m}$ with $f = 150 \text{ mm}$ (TruLaser Cell 3000)
TYP. PRECISION OF THE POSITION RECOGNITION	$\pm 20 \mu\text{m}$ in the image center