

Gemini Duets Laser Settings Guide

While every laser is different, here are recommended laser settings to try out using the Duets. We recommend these settings to be adjusted for best results. Settings vary by age, make and model of laser.

Duets
BY GEMINI

TM

35 Watt Laser

Accents:

Raster power: 40
Raster speed: 80
Vector power: 80
Vector speed: 5

ADA Tactiles:

1/32" Vector power: 30
1/32" Vector speed: 20
1/16" Vector power: 100
1/16" Vector speed: 7
1/8" Vector power: 100
1/8" Vector speed: 10

Contours:

Raster power: 35
Raster speed: 100
Vector power: 30
Vector speed: 20

Laser Indoor/Laser XT:

Raster power: 40
Raster speed: 100
Vector power: 45
Vector speed: 20

50 Watt Laser

Accents:

Raster power: 35
Raster speed: 70
Vector power: 70
Vector speed: 20

ADA Tactiles:

1/32" Vector power: 22
1/32" Vector speed: 20
1/16" Vector power: 100
1/16" Vector speed: 16
1/8" Vector power: 100
1/8" Vector speed: 20

Contours:

Raster power: 25
Raster speed: 100
Vector power: 22
Vector speed: 20

Laser Indoor/Laser XT:

Raster power: 30
Raster speed: 100
Vector power: 35
Vector speed: 20

Selects:

Raster Power: 40%
Raster Speed: 80%
DPI: 400

Vector Power: 70%
Vector Speed: 50%
PPI: 400

Textures/

Ultimates Reverse:

Raster Power: 45
Raster Speed: 75
DPI: 400
1-2 Passes

Vector Power: 65
Vector Speed: 40
PPI: 400
1 Pass for 1/16" thickness
2 Passes for 1/8" thickness

60 Watt Laser

Duets Textures / Ultimates Reverse:

Raster Engraving
80% Power, 60% speed 400 PPI 2 passes

Vector Cutting
50% Power, 40% speed

75 Watt Laser

Duets Microsurface Laser materials:

Selects, Laser XT, Laser XT Reverse, Contours

Raster Engraving:
300 DPI 90% Speed, 40% Power
600 DPI 90% Speed, 25% Power

Vector Cutting:
25% Speed, 40% Power (1/16" Thickness)
15% Speed, 50% Power (1/8" Thickness)

120 Watt Laser

Duets Microsurface Laser materials:

Selects, Laser XT, Laser XT Reverse, Contours

Raster Engraving:
300 DPI, 90% Speed, 35% Power
600 DPI, 90% Speed, 20% Power

Vector Cutting
20% Speed, 40% Power (1/16" Thickness)
15% Speed, 50% Power (1/8" Thickness)