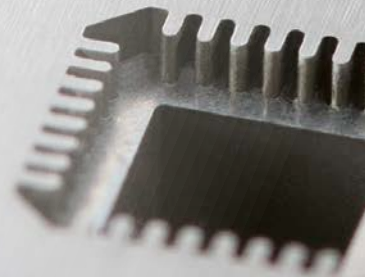


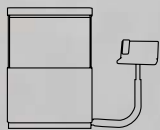


Wire cutting

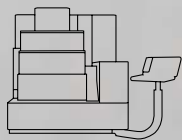
GF Machining Solutions' wire-cutting EDM is fast, precise and increasingly energy efficient. From ultraprecise machining of miniaturized components down to 0.02 mm to powerful solutions for demanding high-speed machining with respect to surface accuracy, our wire EDM solutions position you for success.



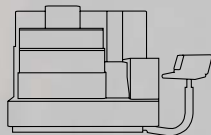
No compromise



CUT 1000
CUT 1000 OilTech

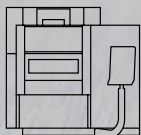


CUT 2000 S
CUT 2000 OilTech

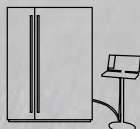


CUT 3000 S

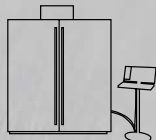
Performance and versatility



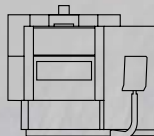
CUT P 350



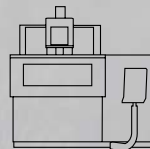
AC Progress VP2



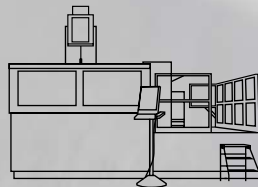
AC Progress VP3



CUT P 550

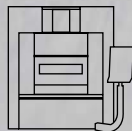


CUT P 800

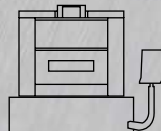


CUT P 1250

Productivity



CUT E 350



CUT E 600

220

350

500

550-600

800

1250

X travel (mm)

AgieCharmilles

CUT 1000 CUT 1000 OilTech

Uncompromising micromachining accuracy



- + Dedicated to micro applications
- + Perfect surface quality
- + Unattended machining and high productivity with automatic threading in microholes and automatic wire changer
- + IVU Advance for measurement directly on the machine
- + Extreme precision down to $\pm 1.0 \mu\text{m}$



Main specifications		CUT 1000	CUT 1000 OilTech
Travel X, Y, Z	mm (in)	220 x 160 x 100 (8.66 x 6.29 x 3.93)	220 x 160 x 100 (8.66 x 6.29 x 3.93)
Travel U, V	mm (in)	± 40 (1.57)	± 40 (1.57)
Max. part dimensions *	mm (in)	300 x 200 x 80 (11.81 x 7.87 x 3.14)	300 x 200 x 80 (11.81 x 7.87 x 3.14)
Max. part weight	kg (lbs)	35 (77)	35 (77)
Max. taper angle / height	$^{\circ}$ / mm (in)	3 / 80 (3.14)	3 / 80 (3.14)
Wire diameters	mm (in)	0.07 – 0.20 (0.003 – 0.008) 0.02 – 0.05 (0.0008 – 0.002) **	0.07 – 0.20 (0.003 – 0.008) 0.02 – 0.05 (0.0008 – 0.002) **
Wire spool	kg (lbs)	2 x 8 (17.6)	2 x 8 (17.6)
Min. surface roughness Ra	μm (μin)	0.05 (2)	0.05 (2)

* Length x depth x height ** Option

AgieCharmilles

AC Progress VP

High performance, productivity
for high-tech applications



- + Mechanical concept ensures maximum precision, repeatability
- + Autonomy: convenient setup, fast wire changing, reliable threading
- + 3D probing and setup for faster workpiece preparation
- + DUO TEC technologies to save time and wire cost



Main specifications		AC Progress VP2	AC Progress VP3	AC Progress VP4
Travel X, Y, Z	mm (in)	350 x 250 x 256 (13.78 x 9.84 x 10.00)	500 x 350 x 426 (19.70 x 13.78 x 16.80)	800 x 550 x 525 (31.50 x 21.65 x 20.67)
Travel U, V	mm (in)	±70 (2.75)	±70 (2.75)	800 x 550 (31.50 x 21.65)
Max. part dimensions *	mm (in)	750 x 550 x 250 (29.50 x 21.65 x 9.80)	1050 x 650 x 420 (41.30 x 25.60 x 16.50)	1300 x 1000 x 510 (51.18 x 39.37 x 20.08)
Max. part weight	kg (lbs)	200 (440)	400 (880)	3000 (6613)
Max. taper angle / height	° / mm (in)	30 / 100 (3.94)	30 / 100 (3.94)	30 / 500 (19.68) 45 / 500 (19.68) **
Wire diameters	mm (in)	0.15 – 0.33 (0.006 – 0.013) 0.05 – 0.10 (0.002 – 0.004) **	0.15 – 0.33 (0.006 – 0.013) 0.05 – 0.10 (0.002 – 0.004) **	0.15 – 0.33 (0.006 – 0.013) 0.07 – 0.10 (0.003 – 0.004) **
Wire spool	kg (lbs)	8, 25** (17.6, 55**)	8, 25** (17.6, 55**)	25 (55)
Min. surface roughness Ra	µm (µin)	0.2, 0.1** (8, 4**)	0.2, 0.1** (8, 4**)	0.2, 0.1** (8, 4**)

* Length x depth x height ** Option

AgieCharmilles

CUT 2000 S

CUT 3000 S

Uncompromising accuracy,
perfect surfaces and high productivity



- + IVU for onboard optical process control
- + Exclusive Automatic Wire Changer for higher productivity with wires down to 0.05 mm
- + THREADING-EXPERT for easy threading even under difficult conditions
- + Extreme precision down to $\pm 1.5 \mu\text{m}$



Main specifications		CUT 2000 S	CUT 3000 S
Travel X, Y, Z	mm (in)	350 x 250 x 256 (13.77 x 9.84 x 10)	500 x 350 x 256 (19.7 x 13.77 x 10)
Travel U, V	mm (in)	± 70 (2.7)	± 70 (2.7)
Max. part dimensions *	mm (in)	750 x 550 x 250 (29.5 x 21.6 x 9.8)	1050 x 650 x 250 (41.3 x 25.6 x 9.8)
Max. part weight	kg (lbs)	200 (440)	400 (880)
Max. taper angle / height	$^{\circ}$ / mm (in)	30 / 100 (3.93)	30 / 100 (3.93)
Wire diameters	mm (in)	0.10 – 0.30 (0.004 – 0.012) 0.05 – 0.07 (0.002 – 0.003) **	0.10 – 0.30 (0.004 – 0.012) 0.05 – 0.07 (0.002 – 0.003) **
Wire spool	kg (lbs)	25 (55)	25 (55)
Min. surface roughness Ra	μm (μin)	0.07 (2.7)	0.07 (2.7)

* Length x depth x height ** Option

AgieCharmilles CUT 2000 OilTech

**Uncompromising accuracy,
oil machining for perfect surfaces**



- + Best results in all situations with large range of oil-based technologies
- + Machines finest details with maximum precision and surface finish
- + Exclusive Automatic Wire Changer for higher productivity
- + Extreme precision down to $\pm 1.5 \mu\text{m}$



Main specifications		CUT 2000 OilTech
Travel X, Y, Z	mm (in)	350 x 250 x 256 (13.77 x 9.84 x 10)
Travel U, V	mm (in)	± 70 (2.7)
Max. part dimensions *	mm (in)	750 x 550 x 250 (29.5 x 21.6 x 9.8)
Max. part weight	kg (lbs)	200 (440)
Max. taper angle / height	$^{\circ}$ / mm (in)	30 / 100 (3.93)
Wire diameters	mm (in)	0.10 – 0.30 (0.004 – 0.012) 0.05 – 0.07 (0.002 – 0.003) **
Wire spool	kg (lbs)	25 (55)
Min. surface roughness Ra	μm (μin)	0.05 (2)

* Length x depth x height ** Option

AgieCharmilles CUT P series

Limitless possibilities



Main specifications		CUT P 350	CUT P 550
Travel X, Y, Z	mm (in)	350 x 220 x 220 (13.78 x 8.66 x 8.66)	550 x 350 x 400 (21.65 x 13.78 x 15.75)
Travel U, V	mm (in)	350 x 220 (13.78 x 8.66)	550 x 350 (21.65 x 13.78)
Max. part dimensions *	mm (in)	1000 x 550 x 220 (39.37 x 21.65 x 8.66)	1200 x 700 x 400 (47.24 x 27.55 x 15.75)
Max. part weight	kg (lbs)	750 (1653)	1500 (3307)
Max. taper angle / height	° / mm (in)	30 / 220 (8.66) 45 / 220 (8.66) **	30 / 400 (15.75) 45 / 400 (15.75) **
Wire diameters	mm (in)	0.33 – 0.070 (0.013 – 0.003) Standard: 0.33 – 0.15 (0.013 – 0.006)	0.33 – 0.070 (0.013 – 0.003) Standard: 0.33 – 0.15 (0.013 – 0.006)
Wire spool	kg lbs	1.6 to 8 (16, 25)** 3.52 to 17.6 (35.2, 55)**	1.6 to 8 (16, 25)** 3.52 to 17.6 (35.2, 55)**
Min. surface roughness Ra	µm (µin)	0.08 (3.2)	0.08 (3.2)

* Length x depth x height ** Option



- + Ultra-high-speed cutting with IPG-DPS generator technology
- + EXPERT systems for every complex machining situation
- + 100 percent Automation with slug management solutions
- + Boost efficiency with SMART consumables



CUT P 800

800 x 550 x 510 (31.50 x 21.65 x 20.08)

800 x 550 (31.50 x 21.65)

1300 x 950 x 510 (51.18 x 39.37 x 20.08)

3000 (6613)

30 / 510 (20.08) | 45 / 510 (20.08) **

0.30 – 0.15 (0.012 – 0.006)

25

55

0.2 (8)

CUT P 1250

1250 x 850 x 100-800 (49.2 x 33.5 x 3.9-31.5)

1250 x 850 (49.2 x 33.5)

2300 x 1300 x 800 (90.6 x 51.2 x 31.5)

6000 (13228)

30° / 800 (30° / 31.5)

0.30 – 0.15 (0.012 – 0.006)

25, 45**

55, 100**

0.3 (12)

AgieCharmilles

CUT E 350/600

Put efficiency at your fingertips in your workshop



- + New easy-to-use and smart AC CUT HMI
- + Robust and speed-oriented process
- + Excellent accuracy and surface finish
- + Outstanding production repeatability
- + 3 m/min travelling speed secured by proven collision protection



Main specifications		CUT E 350	CUT E 600
Travel X, Y, Z	mm (in)	350 x 250 x 250 (13.78 x 9.84 x 9.84)	600 x 400 x 350 (23.60 x 15.75 x 13.78)
Travel U, V	mm (in)	± 45 (3.54)	± 50 (3.93)
Max. part dimensions *	mm (in)	820 x 680 x 245 (32.28 x 26.77 x 9.64)	1030 x 800 x 345 (40.55 x 31.50 x 13.58)
Max. part weight	kg (lbs)	400 (960)	1000 (2204)
Max. taper angle / height	° / mm (in)	30/56 (2.20) or 25/96 (3.78)	30/56 (2.20) or 25/96 (3.78)
Wire diameters	mm (in)	0.15 – 0.30 (0.006 – 0.012) 0.10 (0.004) **	0.15 – 0.30 (0.006 – 0.012) 0.10 (0.004) **
Wire spool	kg (lbs)	8, 25** (17.6, 55**)	8, 25** (17.6, 55**)
Min. surface roughness Ra (carbide/steel)	µm (µin)	0.12/0.18 (4.72/7.05)	0.12/0.18 (4.72/7.05)

* Length x depth x height ** Option

