

KOLARC

BUILDING THE FUTURE



Robotic Interfaces

Ethernet

Others



DeviceNet

EtherNet/IP

CANopen



PROFIBUS

EtherCAT



XM450 W
Pulse



TECHNICAL SPECIFICATIONS

Input Voltage
Mains Voltage Tolerance
Minimum Welding Current
Maximum Welding Current
MIG Duty Cycle, 40°C
TIG Duty Cycle, 40°C
MMA Duty Cycle, 40°C
Open – Circuit Voltage
Factory Delivered Roller
Weight
Standard Accessories

Dimentions (W, L, H)
Certification

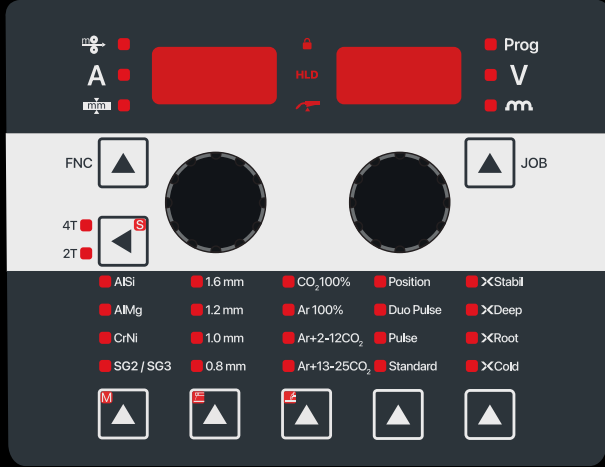
400 V
- 10 % / + 15 %
10 A
450 A
450 A %40, 430 A %60, 360 A %100
450 A %40, 430 A %60, 360 A %100
450 A %40, 430 A %60, 360 A %100
63 V - 82 V
1.0 + 1.2 mm / Steel
Liquid Cooled 100 kg
5m Power Cable (4x4mm²)
5m Earth Clamp (70mm²)
Interconnection H.P (5m)
Torch, MX50 4m
532mm x 974mm x 1178mm
CE

XM450 W

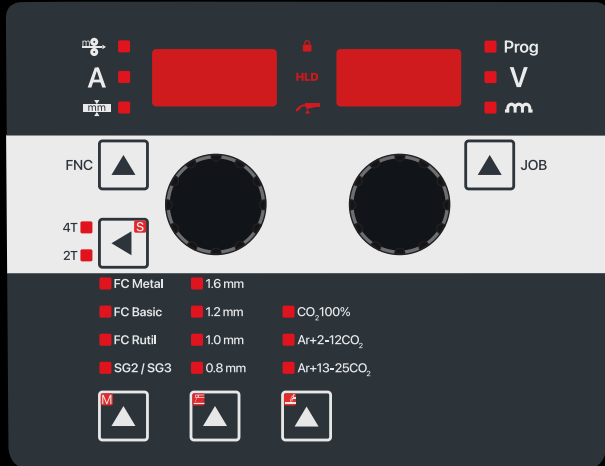


400 V
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5m Power Cable (4x4mm²)
5m Earth Clamp (70mm²)
Interconnection H.P (5m)
Torch, MX50 4m
532mm x 974mm x 1150mm
CE

Manuel veya Robotik 406* kaynak programını deneyimleyin



Pulse



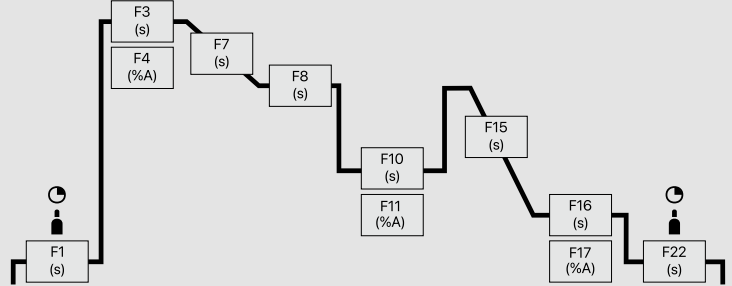
Synergic

Sezgisel Kullanıcı Arayüzü

Standard-Pulse		0.8	1.0	1.2	1.6	
SG2 / SG3 G3Si1 / G4Si1	Ar+18%CO ₂	8	10	12	16	
	Ar+10%CO ₂	18	20	22	26	
	CO ₂ 100%	28	30	32	36	
CrNi	318 / 1.4576	38	40	42	46	
	316 / 1.4430	68	70	72	76	
	310 / 1.4842		520	522		
	309 / 1.4332	538	540	542	546	
	308 / 1.4316	58	60	62	66	
	307 / 1.4370	48	50	52	56	
	Duplex 2209 1.4462	78	80	82	86	
	Ar+20%He+2%CO ₂	88	90	92	96	
CuSi	Ar100%	178	180	182	186	
	Ar+2.5%CO ₂	558	560	562	566	
CuAl	Ar100%	188	190	192	196	
CuSi Brazing	Ar100%	198	200	202	206	
	Ar+2.5%CO ₂	208	210	212	216	
CuAl Brazing	Ar100%	218	220	222	226	
	Ar+2.5%CO ₂	228	230	232	236	
AlMg4,5 Mn	Ar100%	118	120	122	126	
	Ar+30%He	128	130	132	136	
AlMg3	Ar100%	530	532	536		
	Ar100%	138	140	142	146	
AlSi	Ar+30%He	148	150	152	156	
	Ar100%	158	160	162	166	
Al99	Ar+30%He	168	170	172	176	
Flux Cored Wire		0.8	1.0	1.2	1.6	
Steel / FluxCore Metal		Ar+18%CO ₂	238	240	242	246
Steel / FluxCore Rutil		Ar+18%CO ₂	248	250	252	256
		CO ₂ 100%			262	266
Steel / FluxCore Basic		Ar+18%CO ₂			602	
CrNi / FluxCore Metal		Ar+2.5%CO ₂			272	276
CrNi / FluxCore Rutil		Ar+18%CO ₂			282	286
CrNi / FluxCore Rutil		CO ₂ 100%			292	296
Steel FluxCore High Str.		Ar+18%CO ₂			592	
Steel / FluxCore Rutil		Self Shielded	720	722		

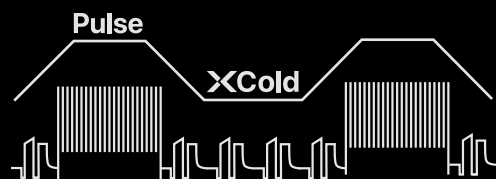
Application		
MIG/MAG Manual		4
TIG (Lift Arc)		5
MMA		6
Gouging		7

XDeep - Pulse			0.8	1.0	1.2	1.6
CrNi	SG2 / SG3	Ar+18%CO ₂	298	300	302	306
	G3Si1 / G4Si1	Ar+10%CO ₂	308	310	312	316
	318 / 1.4576	Ar+2.5%CO ₂		620	622	626
	316 / 1.4430			640	642	646
	310 / 1.4842			660	662	
	309 / 1.4332			670	672	676
	308 / 1.4316			320	322	326
	307 / 1.4370			632	636	
	Duplex 2209		650	652	656	
	1.4462					
AlMg4,5 Mn	Ar100%		332	336		
AlSi	Ar100%		342	346		
Al99	Ar100%		352	356		
CrNi / FluxCore Metal	Ar+18%CO ₂	608	610	612	616	
XRoot - Pulse			0.8	1.0	1.2	1.6
CrNi	SG2 / SG3	Ar+18%CO ₂		360	362	
	G3Si1 / G4Si1	CO ₂ 100%		370	372	
		Ar+10%CO ₂		500	502	
	318 / 1.4576	Ar+2.5%CO ₂		678	680	682
	316 / 1.4430			698	700	702
	308 / 1.4316			398	400	402
	307 / 1.4370			688	690	692
	Duplex 2209			708	710	712
	1.4462					
	AlMg4,5 Mn	Ar100%		410	412	
AlSi	Ar100%		420	422		
Al99	Ar100%		430	432		
CuSi Brazing	Ar100%	438	440	442		
CuAl Brazing	Ar100%	448	450	452		
AlSi Brazing	Ar100%		460	462		
ZnAl Brazing	Ar100%		470	472		
ZnAl (St to Al Welding)	Ar100%		490	492		
Mg / Mg	Ar+30%He		572	576		
Cladding			0.8	1.0	1.2	1.6
CrNi	NiCr-6625 / 2.4831	Ar+30%He		100	102	106
		Ar+20%He+2%CO ₂		110	112	116
	NiCr-6617 / 2.4627	Ar+30%He		552	556	
	CrNi / 309-2312 / 1.4332	Ar+2.5%CO ₂		542	546	
	Co - Based	Ar100%		532	536	



Fonksiyon	Tanım	Min.	Maks.
F1	Ön gaz akışı (s)	0	10
F2	Başlangıç tel sürme hızı (m/min)	1.5	11
F3	Başlangıç zamanı (s)	0	10
F4	Başlangıç amperi (%)	1	200
F5	Başlangıç ark düzeltmesi (V)	-9.9	+9.9
F7	Başlangıç eğimi (s)	0	5
F8	Duo üst zamanı (s)	0.05	10
F10	Duo alt zamanı (s)	0.05	10
F11	Duo alt amper (%)	1	100
F12	Duo alt ark düzeltme (v)	-9.9	+9.9
F15	Krater eğimi (s)	0	10
F16	Krater bitiş (s)	0	10
F17	Krater amperi (%)	1	200
F18	Krater ark düzeltmesi (V)	-9.9	+9.9
F20	Son geri yanma (-)	0	15
F21	Tel kesme modu (-)	0	2
F22	Son gaz akışı (s)	0	10
F23	Akılı Tetik (-)	0	1
F24	Penetrasyon sabitleyici (m/min)	0	10

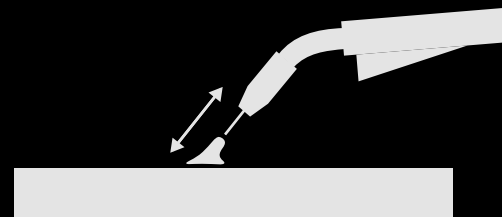
Fonksiyon	Tanım	Min.	Maks.
F25	Sıcak başlangıç zamanı (s)	0	10
F26	Sıcak başlangıç amperi (%)	1	200
F27	Arc force (%)	-50	+50
F28	Geri yanma (s)	0	2
F29	VRD (-)	0	1
F34	Metot kaynak modu (-)	0	2
F35	Soğutma modu (-)	0	4
F36	Motor akım göstergisi (A)	0	-
F37	Motor akım limiti (A)	0.7	7
F38	Otomatik Kayıt (-)	0	1
F39	Motor kontrol yazılımı (-)	-	-
F40	Güç ünitesi yazılımı (-)	-	-
F41	Kaynak süresi (h)	0	-
F42	Makine çalışma süresi (h)	0	-
F45	Tel hızı düzeltmesi (m/dk)	-2	+2
F48	Durum ışığı şablonu	0	4
F49	Çalışma modu	0	9
F50	RL kalibrasyonu (mOhm)	0	30
F31	TIG V durdurma sınırı (V)	-	-
F32	TIG V durdurma hassasiyeti (V)	-2	+2



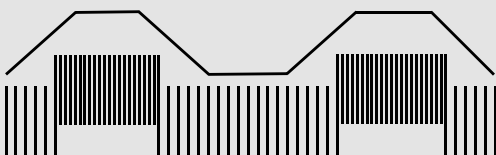
Position



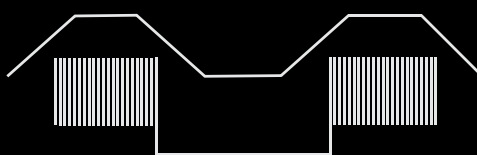
**4x4
Tel Sürme Sistemi**



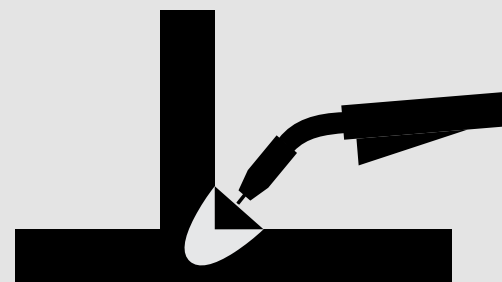
XCStabil



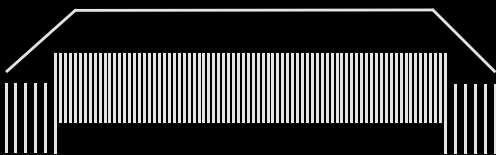
Duo Pulse



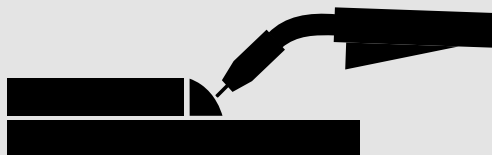
Twin



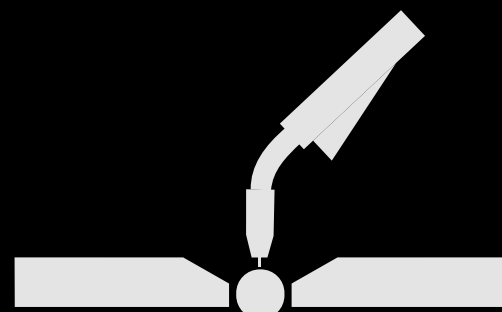
XCDeep



Pulse



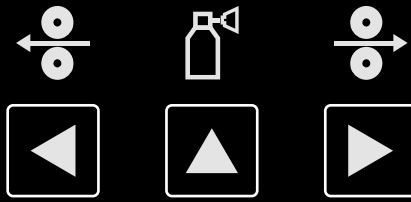
XC Cold



XCRoot



**25.000 PPS
Saniye Başına
Tel Hız Kontrolü**



**Tel Geri Çekme
Gaz Testi
Tel İleri Sürme**



**Teli Gösteren
Makara
Koruması**

99

**Program
Hafızası**



**Akıllı
Soğutma**

RL

**Torç ve Kablo
Kalibrasyonu**



**Hortum Paket
Desteği**



Torch



**Askeri Tip
Konnektör**

IP23 Tasarım

Kompakt Tel Besleyici

Endüstriyel Tekerlekler

Tel Ünitesi Tekerlekleri*

Ergonomik Sağlam Modüler Tasarım

Alüminyum Torç Tutucu

Sıçrantısız Ateşleme

Tel Kesme Fonksiyonu ile Mükemmel Başlangıç

LED Aydınlatmalı Tel Ünitesi

Tel Besleyici Üzerinde MMA Bağlantısı

Gaz Tasarrufu Sistemi

Gaz Filtresi

Soğutma Sıvısı Filtresi

Uzatma Kablosu Tutucu

Harici ve Değiştirilebilir Kaplinler

Çift Cıvatalı Konnektörler

Pirinç Somunlu Soketler

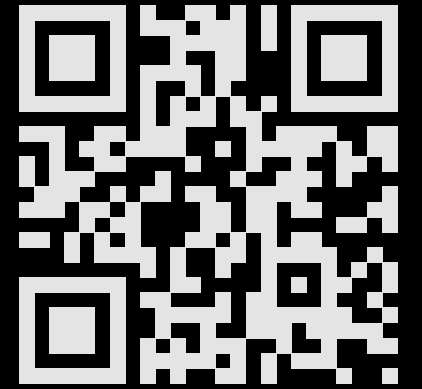
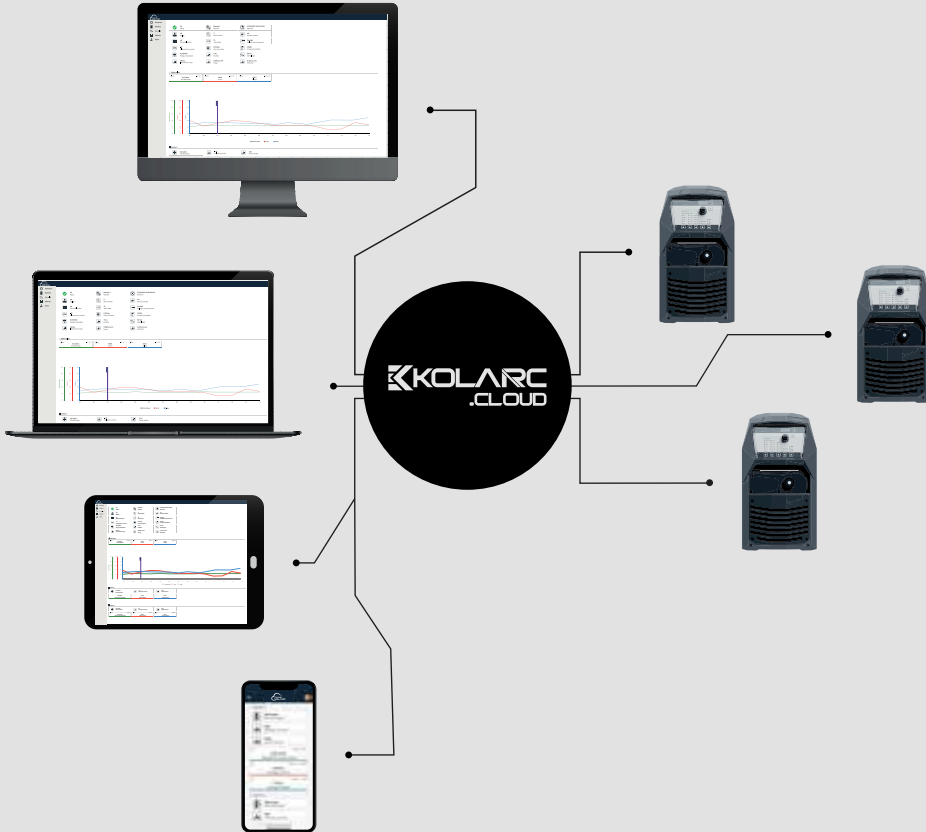
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WiFi **Bluetooth**

LoRaWAN **N**

Ethernet
USB Type-C



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