Bumi PT. Bumi Teknik Utama PROFESSIONAL INDUSTRIAL EQUIPMENTS

Jakarta Semarang Surabaya Balikpapan



Product Catalog 2019 - 2020 Version 3



WELDING CONSUMABLES

Our Company

Established in 1968 as CV. Timur Raya, and later renamed to PT. Bumi Teknik Utama in 2004, with offices in Jakarta, Semarang, Surabaya, and Balikpapan. Our divisions are Welding Machines division, Welding Accessories division, Welding Consumable division, Tools & Power Tools division, Panel & Hand Tools, Retail division and Service & Support division.

In order to serve our customers better, we established Bumi Distribution Center in Cengkareng and we are planning to open more branches in different provinces and cities in the nationwide.

51 years of industrial experience and utilizing a strong backbone of the latest computerized system, such as online "SAP" ERP system, Business Intelligence and Bumi Intranet, give us the advantageous of fast working collaboration, knowledge, analyze and expertise that contributes greatly to the benefit of our customers.

As one of the fastest growing companies in the industry, we believe Human Capital is one of the company's main pillars. Which we pay lots of attention and investment in the recruitment and talent development program.

Our Customers : Metal Fabricators, Automotive Industry, Shipyard, Power Plant, Mechanical & Electrical, Oil, Gas, Mining and all related supporting Industries.

Our Products : High quality and reliable lifting, cutting, bevelling, grinding, welding, drilling, punching, bending, fastening and related products.



Our Vision : To be the leader in the professional industrial equipments by giving quality products and better after sales services.

Our Mission : To equip our Customers with reliable, durable and efficient Professional Industrial Equipments. Together with preventive and corrective services that fulfill the needs and expectations of our customers and business partners.

Our Core values :

- Treating our customers with respect and faith.
- We grow through creativity, invention and innovation
- · We integrate honesty, discipline and commitment into all business aspects.

Stay connected with us :



CONTENT

Group Name	Brand	Item Name	Page
Welding Wire	KOBEWEL	Flux Cored Wire - E71T-1, Ø 1.2 mm	A 1



Flux Cored Wire - E71T-1, Ø 1.2 mm

- E71T-1 is an all-position rutile flux cored wire designed to be used with CO² gas. It can be used on all-position welds with both single and multiple pass welds on mild steel and low alloy steels
- It is widely used for shipbuilding, storage vessels, structural fabrication, machinery and piping, etc.

NOTE ON USAGE :

- 1. Use DC (+) polarity.
- 2. Maintain a higher welding speed in order to get enough penetration in the down hand welding position.

Standard Designation to :

AWS A5.20	E71T-1
JIS Z3313	YFW -C50DR
GB	E501T-1
ABS, BV, DNV-GL, LR, RINA,	
NK, CCS	

Average Analysis of Wire (wt%) :Weld Metal Analysis :Carbon (C)≤ 0.18

Manganese (Mn)	≤ 1.75	
Silicon (Si)	≤ 0.90	
Phosphorus (P)	≤ 0.030	
Sulphur (S)	≤ 0.030	

Mechanical Properties of all-weld metal						
Yield Strength	≥ 375 N/mm2					
Tensile Strength	490 - 660 N/mm2					
Impact Strength	78 J min					
(IV) (-20°C)						
Elongation	≥ 22 %					

SUGGESTED WELDING PARAMETERS						
Parameter	Diameter 1.2					
Voltage (Volt)	25 ~ 40					
Current (Amp)	130 ~ 300					
W.F.S. (cm/min)	460 ~ 1000					
Stickout (mm)	15 ~ 20					
Flow Rate (I / min)	15 ~ 25					

Item Code	Item Name	Pack	Roll	Kg
301.01.001	Flux Cored Wire - E71T-1, Ø 1.2 mm	1 box	1 roll	15 Kg
		1 pallet	72 rolls	1080 Kg



Certificate



RINA

China National

Accreditati on of Registrars



ABS

Lloyd's Register



Det Norske Veritas Bureau Veritas



Nippon Kaiji Kyokai



China Classification Society

NOTES

Jakarta Head Office :

Jl. Pangeran Jayakarta 141, Bloo	ck II No. C 4 & 5, Jakarta 10730
Telephone	: +62 - 21 - 600 8460
Fax	: +62 - 21 - 624 4405, 649 075
Tools & Power Tools Division	: tools@bumi.info
Panel & Hand Tools Division	: pht@bumi.info
Welding Machine Division	: welding.machine@bumi.info
Welding Accessories Division	: welding.accessories@bumi.i
Welding Consumable Division	: welding.consumable@bumi
Retail Division	: retail@bumi.info

Surabaya Branch Office :

Service Division

Jl. Sarono Jiwo No. 4 , Surabaya 60299 Telephone : +62 - 31 - 847 5608 Fax : +62 - 31 - 841 1736 Tools & Power Tools Division : tools.sby@bumi.info Panel & Hand Tools Division : pht.sby@bumi.info : welding.machine.sby@bumi.info Welding Machine Division : welding.accessories.sby@bumi.info Welding Accessories Division : welding.consumable.sby@bumi.info Welding Consumable Division **Retail Division** : retail.sby@bumi.info Service Division : service.sby@bumi.info

- 759
- info

- : service.jkt@bumi.info

Semarang Branch Office :

Jl. Cendrawasih No. 8B							
Semarang 50138							
Telephone :	+62 - 24 - 358 5809						
Fax :	+62 - 24 - 354 6278						
Sales :	bumi.smg@bumi.info						
Retail :	retail.smg@bumi.info						
Service :	service.smg@bumi.info						

Balikpapan Branch Office :

Jl. Letkol Pol. H.M. Asnawi Arbain, Ruko Rubiz No. 39 Balikpapan Selatan 76115

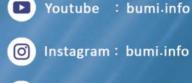
: +62 - 542 - 771 728
: +62 - 542 - 763 968
: bumi.bpp@bumi.info
: retail.bpp@bumi.info
: service.bpp@bumi.info

Bumi Distribution Center:

Jl. Raya Kamal No. 9, Unit C - Unit D, Jakarta Barat 11820 Telephone : +62 - 21 - 555 8228

website : www.bumi.info

Facebook : bumi.info jakarta bumi.info semarang bumi.info surabaya bumi.info balikpapan



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