



# COMPANY PROFILE

PT ALTEK KARYA PERSADA UTAMA





## PT ALTEK KARYA PERSADA UTAMA

**Altek Karya Persada Utama** is a company engaged in the field of “Technical Part supply for Marine, Agro, Mining & Manufacturing Industry”. We are Providing various kinds of Technical Support Products for the Shipping Industry, Mining, Agro Industry & Manufacturing. Altek Karya was founded in 2017 in Sidoarjo, East Java by practitioners in the shipping industry, Agro, Mining & Manufacturing who have collaborated and as a solid foundation to create a company that can compete and work together. With the values of integrity and excellence instilled we can provide solutions to answer all technical part needs with the appropriate technical specifications and on time delivery is a commitment that is held firmly until now. As time goes by, Altek Karya continues to develop and synergize with innovation and improvement in serving and prioritizing all customer needs to achieve smooth operation and always be at the forefront and best as a technical support for the Shipping, Mining, Agro Industry & Manufacturing Industry in Indonesia.

### VISION

“To be the leading and trusted company in providing technical support products for the Shipping, Mining, Agro Industry & Manufacturing Industry in Indonesia.”

### VALUE

- Integrity
- Excellence

### VISION

1. Fully committed to responding to customer needs, market demands and solving existing problems through the provision of complete and quality products, friendly, trained human resources and systematic and reliable services.
2. Prioritizing efficiency, quality and effectiveness in every product presentation to customers.



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### CHEMICAL PRODUCT

RETAINING COMPOUND, THREADLOCKER, WATER FINDING PASTE, GASOLIN FINDING PASTE, CONTACT CLEANER, etc.



### MARINE LIGHTS

NAVIGASI LIGHTS, INDICATOR LIGHTS, PENDANT LIGHTS, FLOOD LIGHTS, MARINE CASING LIGHTS, WATER PROOF, etc.



### ELECTRIC PART

MCCB (MOULDED CASE CIRCUIT BREAKER), MAGNETIC CONTACTOR, MCB (MINIATURE CIRCUIT BREAKER), AMPERE METER, etc.



### VALVE, FITTING & INSTRUMENT

GLOBE VALVE, GATE VALVE, BALL VALVE, DIAGRAM VALVE, BUTTERFLY VALVE, etc.



### PNEUMATIC PARTS

PNEUMATIC PISTON, SELENOID VALVE, PILOT VALVE AIR VALVE, FITTING, PRESSURE CONTROL, AIR CONTROL UNIT, etc.



### FABRICATED EQUIPMENT & MACHINING (INDUSTRIAL EQUIPMENT)

PRESSURE & AIR TANK (CERTIFIED DISNAKER), etc.





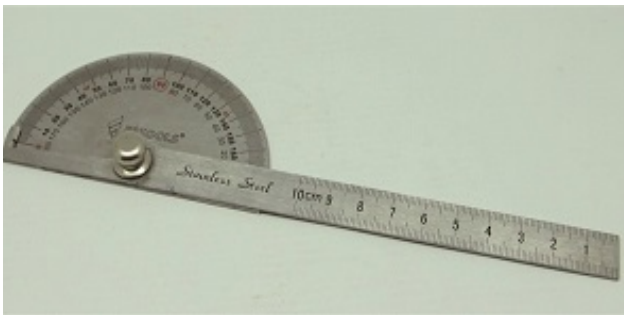
### MISCELLANEOUS

RETAINING COMPOUND, THREAILED SORBENT PAD, WIPALL X60 WIPERS, EONHAND 270, etc.



### SAFETY EQUIPMENT

SAFETY HELMET, LATEX GLOVES, PVS GLOVES, POLKADOT GLOVES, LEATHER WELDERS GLOVES, etc.



### MEASURING INSTRUMENT

BORE GAUGE, INSIDE MICROMETER, OUTSIDE MICROMETER, DIAL INDICATOR & STAND, FEELER GAUGE, etc.



### POWER HYDRAULIC TOOLS

HYDRAULIC JACK, HYDRAULIC FLOOR JACK, HYDRAULIC SPRING COMPRESSOR, HYDRAULIC BEAD BREAKER, etc.



### LIFTING & HANDLING EQUIPMENT

HAND CHAIN HOIST, RATCHET LEVER HOISE, RATCHET WIRE ROPE PULLER, etc.



### WELDING & CUTTING EQUIPMENT

GOUGING TORCH, ELECTRODE HOLDER, EARTH CLAMP, CABLE CONNECTOR, etc.





### **POWER AIR TOOLS**

AIR ANGLE GRINDER, AIR CUTT OFF GRINDER, AIR SANDER, AIR FLIX CHIPPER, AIR NEDDLE SCALLER, AIR CHIPPING HAMMER, AIR INVERTER, AIR IMPACT SCREWDRIVER, AIR IMPACT WRENCH 1/2 INCH, AIR IMPACT WRENCH 3/4 INCH, AIR IMPACT WRENCH 1 INCH, AIR DIE GRINDER, AIR COMPRESSOR



### **HAND TOOLS**

TOOL BOX & TOOL SET, PIPING TOOLS, TUBING TOOLS, WRENCH, SOCKETS, SCREWDRIVER, PLIERS & CUTTERS, STRINGING TOOLS, BENCH VISES & CLAMP, PULLERS, AUTOMOTIF EQUIPMENT

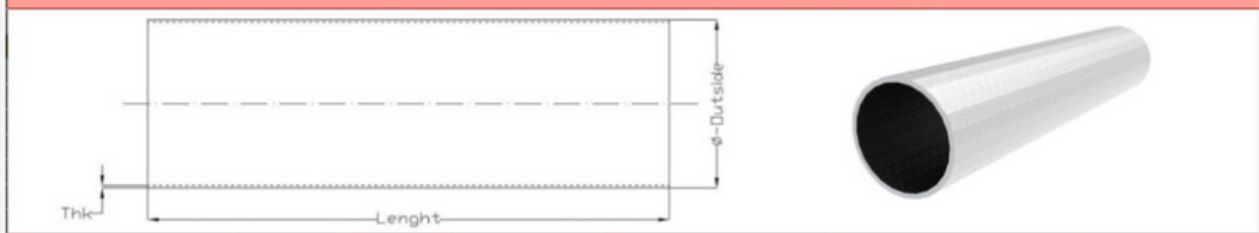


### **POWER ELECTRIC TOOLS**

ANGLE GRINDER, LARGE ANGLE GRINDERS, DIE GRINDERS, BAND SAWS, CORDLESS SCREWDRIVERS, CORDED DRILL, CORDLESS IMPACT WRENCH, HAMMER DRILL, MAGNETIC DRILL, BENCH GRINDER, ELECTRIC JACK HAMMER, CUT OFF MACHINE, SANDER, .HIGH PRESSURE WASHER

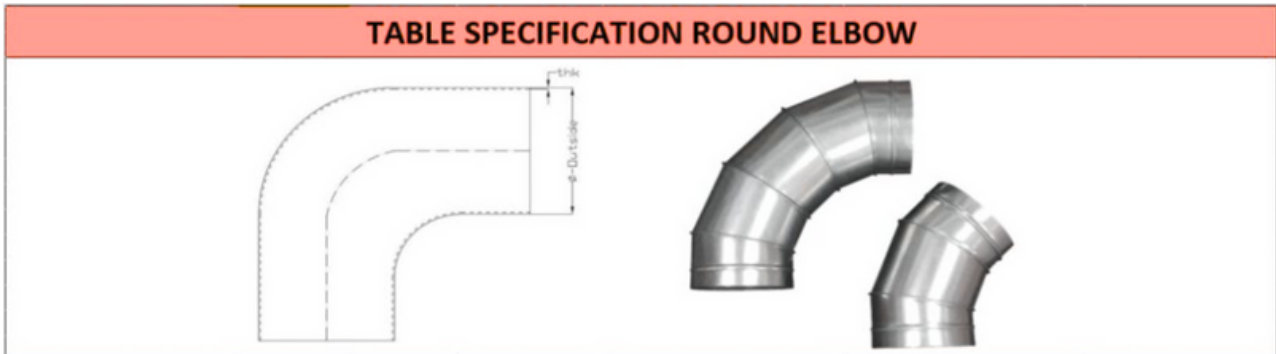
## DUCTING & ACCECORIES WORK

TABLE SPECIFICATION ROUND DUCTING



Type	Outside $\phi$ (mm)	Length (mm)	Thk (mm)	Material	FINISHING	Jointing System
Ducting $\phi 180 \times 1200$	180	1200	1.8, 3.2	SS400/SUS304/ SUS316/ Aluminium	Natural/ Painting Primer/ Painting Finish Epoxym/ Painting Finish Heat Resistance	Tag Weld/ Full Weld
Ducting $\phi 200 \times 1200$	200	1200	1.8, 3.2			
Ducting $\phi 250 \times 1200$	250	1200	1.8, 3.2, 4			
Ducting $\phi 300 \times 1200$	300	1200	1.8, 3.2, 4			
Ducting $\phi 350 \times 1200$	350	1200	1.8, 3.2, 4			
Ducting $\phi 400 \times 1200$	400	1200	1.8, 3.2, 4, 6			
Ducting $\phi 450 \times 1200$	450	1200	1.8, 3.2, 4, 6			
Ducting $\phi 500 \times 1200$	500	1200	1.8, 3.2, 4, 6			
Ducting $\phi 550 \times 1200$	550	1200	1.8, 3.2, 4, 6			
Ducting $\phi 600 \times 1200$	600	1200	1.8, 3.2, 4, 6			
Ducting $\phi 650 \times 1200$	650	1200	1.8, 3.2, 4, 6			
Ducting $\phi 700 \times 1200$	700	1200	1.8, 3.2, 4, 6, 8			
Ducting $\phi 750 \times 1200$	750	1200	1.8, 3.2, 4, 6, 8			
Ducting $\phi 800 \times 1200$	800	1200	1.8, 3.2, 4, 6, 8			
Ducting $\phi 850 \times 1200$	850	1200	1.8, 3.2, 4, 6, 8			
Ducting $\phi 900 \times 1200$	900	1200	1.8, 3.2, 4, 6, 8			
Ducting $\phi 950 \times 1200$	950	1200	1.8, 3.2, 4, 6, 8			
Ducting $\phi 1000 \times 1200$	1000	1200	1.8, 3.2, 4, 6, 8			
Ducting $\phi 1100 \times 1200$	1100	1200	1.8, 3.2, 4, 6, 8			
Ducting $\phi 1200 \times 1200$	1200	1200	1.8, 3.2, 4, 6, 8			
Ducting $\phi 1300 \times 1200$	1300	1200	1.8, 3.2, 4, 6, 8			
Ducting $\phi 1400 \times 1200$	1400	1200	1.8, 3.2, 4, 6, 8			
Ducting $\phi 1500 \times 1200$	1500	1200	1.8, 3.2, 4, 6, 8			
Ducting $\phi 1600 \times 1200$	1600	1200	1.8, 3.2, 4, 6, 8			
Ducting $\phi 1700 \times 1200$	1700	1200	1.8, 3.2, 4, 6, 8			
Ducting $\phi 1800 \times 1200$	1800	1200	1.8, 3.2, 4, 6, 8			
Ducting $\phi 1900 \times 1200$	1900	1200	1.8, 3.2, 4, 6, 8			
Ducting $\phi 2000 \times 1200$	2000	1200	1.8, 3.2, 4, 6, 8			

TABLE SPECIFICATION ROUND ELBOW



## DUCTING & ACCECORIES WORK

Type	Outside $\phi$ (mm)	Angle (deg)	Thk (mm)	Material	FINISHING	Jointing System
Elbow Ducting $\phi$ 180	180	45°, 90°	1.8, 3.2	SS400/SUS304/ SUS316/ Aluminium	Natural/ Painting Primer/ Painting Finish Epoxym/ Painting Finish Heat Resistance	Tag Weld/ Full Weld
Elbow Ducting $\phi$ 200	200	45°, 90°	1.8, 3.2			
Elbow Ducting $\phi$ 250	250	45°, 90°	1.8, 3.2, 4			
Elbow Ducting $\phi$ 300	300	45°, 90°	1.8, 3.2, 4			
Elbow Ducting $\phi$ 350	350	45°, 90°	1.8, 3.2, 4			
Elbow Ducting $\phi$ 400	400	45°, 90°	1.8, 3.2, 4, 6			
Elbow Ducting $\phi$ 450	450	45°, 90°	1.8, 3.2, 4, 6			
Elbow Ducting $\phi$ 500	500	45°, 90°	1.8, 3.2, 4, 6			
Elbow Ducting $\phi$ 550	550	45°, 90°	1.8, 3.2, 4, 6			
Elbow Ducting $\phi$ 600	600	45°, 90°	1.8, 3.2, 4, 6			
Elbow Ducting $\phi$ 650	650	45°, 90°	1.8, 3.2, 4, 6			
Elbow Ducting $\phi$ 700	700	45°, 90°	1.8, 3.2, 4, 6, 8			
Elbow Ducting $\phi$ 750	750	45°, 90°	1.8, 3.2, 4, 6, 8			
Elbow Ducting $\phi$ 800	800	45°, 90°	1.8, 3.2, 4, 6, 8			
Elbow Ducting $\phi$ 850	850	45°, 90°	1.8, 3.2, 4, 6, 8			
Elbow Ducting $\phi$ 900	900	45°, 90°	1.8, 3.2, 4, 6, 8			
Elbow Ducting $\phi$ 950	950	45°, 90°	1.8, 3.2, 4, 6, 8			
Elbow Ducting $\phi$ 1000	1000	45°, 90°	1.8, 3.2, 4, 6, 8			
Elbow Ducting $\phi$ 1100	1100	45°, 90°	1.8, 3.2, 4, 6, 8			
Elbow Ducting $\phi$ 1200	1200	45°, 90°	1.8, 3.2, 4, 6, 8			
Elbow Ducting $\phi$ 1300	1300	45°, 90°	1.8, 3.2, 4, 6, 8			
Elbow Ducting $\phi$ 1400	1400	45°, 90°	1.8, 3.2, 4, 6, 8			
Elbow Ducting $\phi$ 1500	1500	45°, 90°	1.8, 3.2, 4, 6, 8			
Elbow Ducting $\phi$ 1600	1600	45°, 90°	1.8, 3.2, 4, 6, 8			
Elbow Ducting $\phi$ 1700	1700	45°, 90°	1.8, 3.2, 4, 6, 8			
Elbow Ducting $\phi$ 1800	1800	45°, 90°	1.8, 3.2, 4, 6, 8			
Elbow Ducting $\phi$ 1900	1900	45°, 90°	1.8, 3.2, 4, 6, 8			
Elbow Ducting $\phi$ 2000	2000	45°, 90°	1.8, 3.2, 4, 6, 8			

### CUSTOM PART ROUND DUCTING INSTALATION

REDUCER	TEE	TEE CROSS	TRANSITION	TEEWAY 45°	TWIN BEND 45°	TEE REDUCER
						

**Note :**

**Material : BJLS, SUS, Alumunium, Steel**

**Size : As Order By Drawing**

**Finishing : Natural, Painting, Insulation**



## BENDING & ROLL STEEL WORK

Tabel Specification Roll & Bending Plate					
No	Work Type	Material	Size Mat	Type Mat	Machine
1	BENDING PLATE	Plate	5 - 100 mm	SS400, SUS304	Bending Machine Kap. 15 Ton
		Beam	Maks H-250		Bending Machine Kap. 50 Ton
		Angle Profile	Maks L-250		Bending Machine Kap. 100 Ton
		Pipe	Maks Dia.250 mm		Bending Machine Kap. 150 Ton
2	ROLL	Plate	Maks Thk.12 mm	SS400, SUS304	Roll Machine Heavy Duty Vertical
		Beam	Maks H-150		
		Angle Profile	Maks L-150		
		Pipe	Maks Dia.150		
		Shaft	Maks Dia. 75	S45C	
3	CUTTING - As Req	Plate	Maks Thk 20 mm	SS400, SUS304	Machine Cutting Plate
For More Information or Order, Kindly for Contact Us					

### 1. Bending Plate 60 mm, material : EN 1002S2 : 2019 S3512 +N



## PRESSURE TANK WORK

### Tabel Specification FILTER TANK



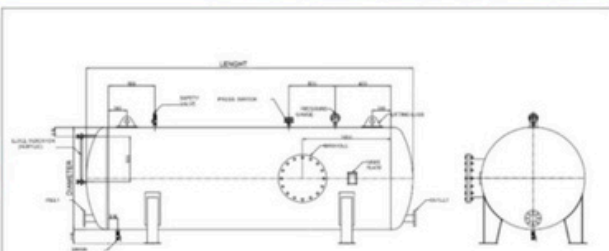
The Pressure Sand Filter consists of a multiple layer of sand with a variety in size and specific gravity. These Filters are designed to remove turbidity and suspended particles present in the feed water with minimum pressure drop. These Filters are custom designed to suit the process requirement. These filters are offered in Mild Steel, FRP or SS construction with face piping and associated Valves.

The Pressure sand filter CInstruction consists of a pressure vessel either vertical or horizontal, with a set of frontal pipe work and valves, graded silica quartz sand supported by layers of graded under bed consisting of pebbles and gravels, a top distributor to distribute the incoming water uniformly throughout the cross section of the filter, and an under drain system to uniformly collect the filtered water. Filter Tank Have many kind Various capacity, but for mor efficient price we propose ideal size as table below. But, if customer have own design we can provide Too , we called Custom Design.

Tank Type	Vol (ltr)	Flowrate (m3/h)	Dimention (mm)		Mat	Thk Plate (mm)	Dia Nozzle in (Inch)	Dia Nozzle out (Inch)
			Diameter	THeight				
FILTER TANK ( SAND, CARBON, SOFTENER)	250	3	500	1640	A36	4	1.5	1.5
	275	4	500	1985	A36	5	1.5	1.5
	300	5	500	2065	A36	5	1.5	1.5
	580	10	700	2065	A36	5	1.5	1.5

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### Tabel Specification HORIZONTAL PRESSURE TANK



**HORIZONTAL PRESSURE TANK (AIR TANK/ WATER TANK)**



Horizontal Pressure tank is a pressurized vessel at horizontal position, where water and air are separated by a flexible diaphragm allowing the water to expand and absorb pressure surges. It provides water storage and decreases the running time of booster pump.

#### The advantages of horizontal tanks -

Horizontal storage tanks have more surface area coverage, which means they can move products more efficiently than vertical tanks can. On top of that, horizontal tanks tend to have lower transportation costs and can more easily add vertical agitation, making them more cost effective.

Horizontal Pressure Tank Have many kind Various capacity, but for mor efficient price we propose ideal size as table below. But, if customer have own design we can provide Too , we called Custom Design.



## PRESSURE TANK WORK

Tank Type	Vol (ltr)	Flowrate (m3/h)	Dimention (mm)		Mat	Thk Plate (mm)	Dia Nozzle in (Inch)	Dia Nozzle out (Inch)
			Diameter	THeight				
PRESSURE TANK ( WATER, AIR, NITROGEN) Horizontal Type	250	-	500	1400	A36	5&6	1.5	1.5
	500	-	600	1900	A36	5&6	1.5	1.5
	750	-	785	1700	A36	6&8	1.5	1.5
	1000	-	900	1700	A36	8	2	2
	1500	-	1000	2000	A36	8&10	2	2
	2000	-	1130	2000	A36	8&10	2.5	2.5
	2800	-	1100	3150	A36	8&10	3	3
	3000	-	1100	3220	A36	8&10	3	3

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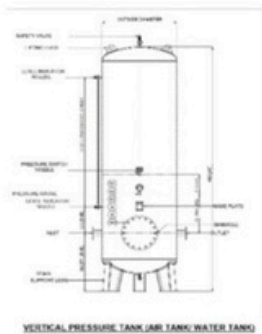
### Tabel Specification VERTICAL PRESSURE TANK



**Vertical Pressure Tank** is a pressurized vessel at vertical position, where water and air are separated by a flexible diaphragm allowing the water to expand and absorb pressure surges. It provides water storage and decreases the running time of booster pump.

**Vertical tanks** are also the better choice when it comes to pressure distribution. The cylindrical shape of vertical storage tanks means that there are fewer stress points, creating a more even distribution of pressure. This allows vertical tanks to store greater volumes of liquid without compromising safety.

*Vertical Pressure Tank Have many kind Various capacity, but for mor efficient price we propose ideal size as table below. But, if customer have own design we can provide Too , we called Custom Design.*



Tank Type	Vol (ltr)	Flowrate (m3/h)	Dimention (mm)		Mat	Thk Plate (mm)	Dia Nozzle in (Inch)	Dia Nozzle out (Inch)
			Diameter	THeight				
PRESSURE TANK ( WATER, AIR, NITROGEN) Vertical Type	250	-	500	1640	A36	5&6	1.5	1.5
	500	-	600	2100	A36	5&6	1.5	1.5
	750	-	785	1900	A36	6&8	1.5	1.5
	1000	-	900	1900	A36	8	2	2
	1500	-	1000	2300	A36	8&10	2	2
	2000	-	1130	2300	A36	8&10	2.5	2.5
	2800	-	1100	3450	A36	8&10	3	3
	3000	-	1100	3600	A36	8&10	3	3

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## PRESSURE TANK WORK

**Tabel Specification VERTICAL PRESSURE TANK**



**Storage tanks** are big containers, often cylindrical in shape, that are designed to hold large quantities of liquids or gases. They often have piping and pump stations to move the contents. Depending on the intended use, they can be located underground or aboveground.

**How many types of storage tanks are there?**

According to the shape: vertical storage tank, horizontal storage tank.

According to the structure: fixed roof tank, floating roof tank, spherical tank.

*Storage Tank Have many kind Various capacity, but for mor efficient price we propose ideal size as table below. But, if customer have own design we can provide Too , we called Custom Design.*

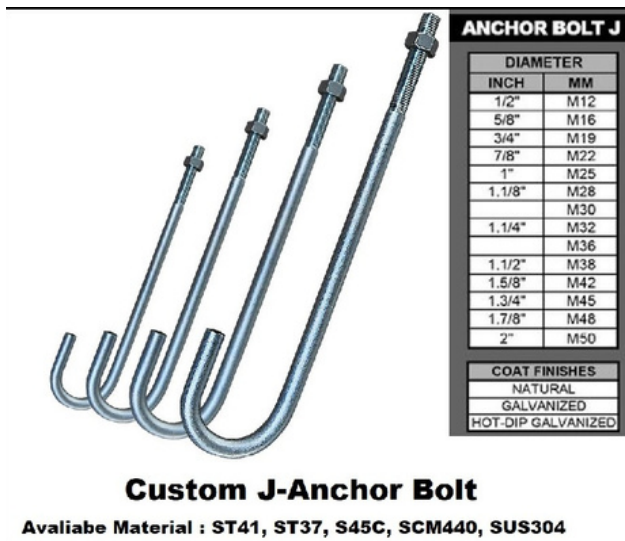
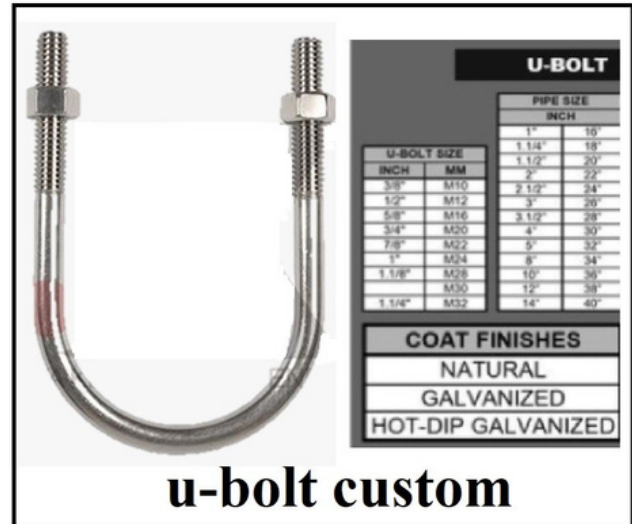
Tank Type	Vol (ltr)	Flowrate (m3/h)	Dimention (mm)		Mat	Thk Plate (mm)	Dia Nozzle in (Inch)	Dia Nozzle out (Inch)
			Diameter	THeight				
STORAGE TANK- Vertical ( WATER, DIESEL, AVTUR, FUEL)	1000	-	1050	1340	A36	3	2	1.5
	2000	-	1050	2550	A36	3	2	2
	5000	-	1650	2550	A36	4	2.5	2
	10000	-	1900	3800	A36	5	3	3

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## CUSTOM BOLT, NUT & WASHER WORK





## GALLERY





# COMPANY PROFILE

PT ALTEK KARYA PERSADA UTAMA



**LET'S MAKE SOMETHING GREAT TOGETHER**



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**WEBSITE**

