

/ Perfect Welding / Solar Energy / Perfect Charging



PROFESSIONAL WELDING TOOLS

/ Perfect Welding / Solar Energy / Perfect Charging



What's your welding challenge?

Let's get connected.

yourweldingchallenge.com

www.fronius.com

FRONIUS PROFESSIONAL WELDING TOOLS

THE PERFECT SOLUTION

WHATEVER YOUR WELDING CHALLENGE MAY BE

Demands in manual welding are usually high: welding equipment must deliver outstanding weld quality, operate efficiently, be flexible, dependable, and last for a long time.

The Fronius professional welding tools are the perfect answer to these challenges. Fronius welding machines are technology driven products with the highest levels of quality, cost effectiveness, energy efficiency, and robust design for any working environment. The digital control ensures an exceptionally stable arc and 100% reproducible welding results. Intuitive and smart operating concepts make your life easier. Every Fronius welding machine is an innovative and powerful solution you can use to complete all your welding tasks in an instant. Whether it's for Stick, MIG or TIG, Fronius is a welding technology leader and we offer the ideal product solution for every welding process. Our welding machines are used in metalworking, light and heavy fabrication, service and repairs, vehicle maintenance repair, mechanical and industrial plant construction, and educational institutions. Millions of users around the world put their trust in the quality and performance of Fronius welding equipment.

In this catalog you will find Fronius' innovative welding equipment for manual applications in ready-to-weld packages, along with their respective order numbers.

For more information on our professional welding tools please visit www.fronius.us

Let's get connected!



/froniuswelding



/froniusweldingusa



/fronius.usa



/weldfroniususa



/Fronius USA, Perfect Welding

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NOTE:

All package numbers in this catalogue are predefined packages.

CATALOG & PRICING VALIDITY:

Prices are effective January 1st, 2020 through December 31st, 2020. Prices do not include sales tax or delivery. Fronius USA reserves the right to change prices or equipment configuration at any time without notice. Specifications will be those in effect at the time the order is entered at Fronius USA. All prices are FOB Fronius USA, Portage, IN. For any orders under \$100 a \$10.50 processing charge will be added.

CANCELLATION AND RETURN GOODS POLICY.

All returned goods require the written authorization of Fronius USA prior to return and are subject to a 15% restocking charge, must be returned unused and in original unopened container. Orders cancelled prior to shipment are not charged to purchaser. Orders cancelled after shipment are subject to our returned goods policy.



TPS/i

THE INTELLIGENT ARC REVOLUTION



- / COMPACT DESIGN
- / FOR UNIVERSAL USE
- / SUPERIOR WELD PROPERTIES
- / DESIGNED FOR CV/CC WELDING
- / PUSH PULL & PULSE CAPABLE



APPLICATION INDUSTRIES

LIGHT AND HEAVY FABRICATION

The TPS 270i is packing all the advantages of the TPS/i range into an even more compact design. Every welding process - MIG, TIG DC and Stick - can be carried out using this multiprocess welder. A list of options include: TIG gas solenoid kit, reversed polarity kit, and push pull.



AVAILABLE TPS/I PROCESSES

/ The compact TPS 270i C is equipped with the Pulse process as standard. All other TPS/i processes, such as LSC, Standard and PMC, are available as an option.



/ We've overcome many of the challenges of a multi-purpose machine with our specialized processes such as the Penetration Stabilizer and Arc Length Stabilizer. Each process is designed to maintain the perfect arc for the chosen application, especially when welding difficult joints and positions.



"It's one of those tools that, once you have it, you don't know how you made it without it."

- Welder at Spencer Manufacturing (Spencer Firetrucks, South Haven, MI)

FEATURES

- / Fully digital synergic inverter
- / Improved arc characteristics
- / Color-coded consumables
- / All-in-one welding torch connection (FSC)
- / Highly portable -small, economic design
- / Rugged design
- / Highly adaptive arc
- / 3 years parts and labor warranty
- / Viewing window for wirespool

OPTIONS (P. 71) & ACCESORIES (P.67)

- / TIG installation Kit
- / Polarity reversal
- / Advanced processes, LSC, PMC, CMT
- / Wheeled cart
- / Push-pull torch
- / Welding helmet
- / Welding jacket

TPS 270i Key Specifications

Processes	CV, Pulse, DC TIG, Stick
Open circuit voltage	66 Vdc
Dimensions (L-W-H)	27" x 10.9" x 17.5"
Weight	73.1 lbs
Safety Seals	UL, CSA

Mains Voltage	3x200 Vac (-10% / 15%)			3x230 Vac (-10% / 15%)			3x460 Vac (-10% / 15%)		
Max Fuse protection	35A (slow-blow)			35A (slow-blow)			16A (slow-blow)		
Generator Requirement	12.4 kW			12.7 kW			14.4 kW		
Mains cable	(included)								
Voltage range MIG	14.2 - 27.5 Vdc								
Voltage range TIG	14.1 -20.8 Vdc								
Voltage range STICK	20.4 - 30.8 Vdc								
Current range MIG	3 - 270A								
Current range TIG	3 - 270A								
Current range STICK	10 - 270A								
DUTY CYCLE	40%	60%	100%	40%	60%	100%	40%	60%	100%
104° F	270	220	190	270	220	190	270	220	190
77° F	270	220	190	270	220	190	270	220	190

TPS 270i



AIR COOLED



MTG 320i MIG Torch US STYLE (included)

Part number 4,036,407

For parts breakdown and order info, see page 52

TPS 270i C MV

MIG / TIG / STICK

Standard Package:

- / 270A compact power source
- / Synergic & Pulse software
- / Integrated wire feeder
- / MIG Gun, aircooled, 14'
- / Ground Cable, 13'
- / Consumable setup, .035 steel
- / Consumable setup, .045 steel
- / Flow meter with gas adapter
- / Pre-Assembled & tested

/ Package # 49,0400,0036

/ MSRP: \$7,324



AIR COOLED



MHP 280i / MTB 320i Torch (included)

Torch whip: 4,047,786

Torch body: 44,0350,3153

For parts breakdown and order info, see page 53

TPS 270i C MV

Aluminum - MIG / TIG / STICK

Standard Package:

- / 270A compact power source
- / Synergic & Pulse software
- / Integrated wire feeder
- / Pushpull torch, aircooled, 19'
- / Ground Cable, 13'
- / Consumable setup, .035 / .045 al
- / Flow meter with gas adapter
- / Pre-Assembled & tested

/ Package # 49,0400,0037

/ MSRP: \$11,338

TransSteel

MULTIPROCESS COMPACT WELDER



- / ROBUST AND RELIABLE
- / VERY EASY TO OPERATE
- / MULTIPLE WELDING APPLICATIONS
- / MULTIPROCESS



APPLICATION INDUSTRIES

LIGHT AND MEDIUM FABRICATION

Developed in the field with you, Fronius TransSteel is your reliable partner for welding. With its rugged design, smart features and ease of operation you and your TransSteel will get the job done every time.

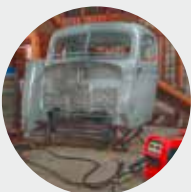


SPECIAL SYNERGIC CHARACTERISTICS

/ In 4 easy steps your TransSteel is ready to weld any type of material from steel to aluminum.



/ Select wire type, wire diameter, gas, material thickness and weld!



“Very impressive and even more impressive is a small welder like this can push aluminum wire. No spool gun needed. I spent a little time yesterday running tig. Arc is stable like I expected. You can run both 2t and 4t lift arc.”

- David Blackburn, owner (Blackburn Fabrication, San Luis Obispo, CA)

FEATURES

- / Fully digital multiprocess synergic inverter
- / Highly adaptive arc
- / Color-coded consumables
- / All-in-one welding torch connection (FSC)
- / Highly portable
- / Rugged design
- / 3 years parts and labor warranty

OPTIONS (P. 71) & ACCESORIES (P.67)

- / Wheeled cart
- / TIG torch
- / Welding helmet
- / Welding jacket

**PROTECTIVE
EQUIPMENT**

SEE PAGE 67

**TransSteel 2200 Key Specifications**

Processes	CV, DC TIG, Stick
Open circuit voltage	90 Vdc
Dimensions (L-W-H)	22.1" x 8.5" x 14.5"
Weight	33.5 lbs
Safety Seals	UL, CSA

Mains Voltage	1x120 Vac (-20% / 15%)			1x120 Vac (-20% / 15%)			1x230 Vac (-20% / 15%)		
Max Fuse protection	15A (slow-blow)			20A (slow-blow)			16A (slow-blow)		
Generator Requirement	3.2 kW			4.7 kW			8.1 kW		
Mains cable	(included)								
Voltage range MIG	14.5 -24.5 Vdc								
Voltage range TIG	10.4 -19.2 Vdc								
Voltage range STICK	20.4 - 27.2 Vdc								
Current range MIG	10 - 105A			10 -135A			10 - 210A		
Current range TIG	10 - 135A			10 - 160A			10 - 230A		
Current range STICK	10 - 90A			10 - 110A			10 - 180A		
DUTY CYCLE	30%	60%	100%	30%	60%	100%	30%	60%	100%
104° F	105A	95A	80A	135A	120A	105A	210A	170A	150A
77° F	-	-	105A	135A	-	105A	210A	170A	150A

TransSteel 2200



AIR COOLED



MTG 320i MIG Torch US STYLE (included)

Part number 4,036,407

For parts breakdown and order info, see page 52

TransSteel 2200 MV

MIG / STICK

Standard Package:

- / 220A compact welding power source
- / Integrated wire feeder
- / Electrode cable, 200A, 13'
- / MIG Gun, air-cooled, 14'
- / Ground Cable, 13'
- / Consumable setup, .030 steel
- / Consumable setup, .035 steel
- / Feeder roll, pressure
- / Feeder roll, T-.030, & T-.035
- / Flow meter with gas adapter
- / Pre-Assembled & tested

/ Package # 49,0400,0033

/ MSRP: \$1,994



AIR COOLED



MTG 320i MIG Torch US STYLE (included)

Part number 4,036,407

For parts breakdown and order info, see page 52

TTG 2200A/UD TIG Torch (included)

Part number 4,035,989

For parts breakdown and order info, see page 61

TransSteel 2200 MV

MIG / TIG / STICK

Standard Package:

- / 220A compact welding power source
- / Integrated wire feeder
- / Electrode cable, 200A, 13'
- / TIG torch, air-cooled, 13' (4,035,989)
- / MIG Gun, air-cooled, 15'
- / Ground Cable, 13'
- / Consumable setup, .030 steel
- / Consumable setup, .035 steel
- / Feeder roll, pressure
- / Feeder roll, T-.030, & T-.035
- / Flow meter with gas adapter
- / Pre-Assembled & tested

/ Package # 49,0400,0034

/ MSRP: \$2,345

(!) Please note package prices are specially calculated as configured. Changing or removing any components could increase the price of the full package.

FEATURES

- / Fully digital multiprocess synergic inverter
- / Highly adaptive arc
- / Color-coded consumables
- / All-in-one welding torch connection (FSC)
- / Highly portable
- / Rugged design
- / 3 years parts and labor warranty
- / Viewing window for wirespool

OPTIONS & ACCESORIES

- / TIG torch
- / Wheeled cart
- / Welding helmet
- / Welding jacket

TransSteel 2700 Key Specifications

Processes	CV, DC TIG, Stick
Open circuit voltage	85 Vdc
Dimensions (L-W-H)	27.1" x 10.9" x 17.5"
Weight	66.1 lbs
Safety Seals	UL, CSA

Mains Voltage	1x230 Vac (-10% / 15%)	3x230 Vac (-10% / 15%)	3x460 Vac (-10% / 15%)					
Max Fuse protection	16A (slow-blow)	25A (slow-blow)	15A (slow-blow)					
Generator Requirement	6.9 kW	12.1 kW	11.6 kW					
Mains cable	(included)							
Voltage range MIG	14.5 - 24 Vdc	14.5 - 34.3 Vdc	14.5 - 34.3 Vdc					
Voltage range TIG	10.4 - 18.8 Vdc	10.4 - 18.8 Vdc	10.4 - 18.8 Vdc					
Voltage range STICK	20.4 - 27.2 Vdc	20.4 - 34.3 Vdc	20.4 - 34.3 Vdc					
Current range MIG	10 - 180A	10 - 270A	10 - 270A					
Current range TIG	10 - 220A	10 - 270A	10 - 270A					
Current range STICK	10 - 180A	10 - 270A	10 - 270A					
DUTY CYCLE	15%	100%	30%	60%	100%	30%	60%	100%
104° F	180A	145A	270A	200A	170A	270A	200A	170A
77° F	180A	145A	-	220A	270A	-	220A	270A

TransSteel 2700



AIR COOLED



MTG 320i MIG Torch US STYLE (included)

Part number 4,036,407

For parts breakdown and order info, see page 52

TransSteel 2700 C MV

MIG / TIG / STICK

Standard Package:

- / 270A welding power source
- / Integrated wire feeder
- / MIG Gun, air-cooled, 45°, 14.7'
- / Ground Cable, clamp, 13'
- / Consumable setup, .030 steel
- / Consumable setup, .035 steel
- / Feeder roll, U-.030
- / Feeder roll, U-.035
- / Flow meter with gas adapter
- / Pre-Assembled & tested

/ Package #49,0400,0035

/ MSRP: \$2,643



AIR COOLED



MTG 320i MIG Torch US STYLE (included)

Part number 4,036,407

For parts breakdown and order info, see page 52

TTG 220A TIG Torch (included)

Part number 4,035,989

For parts breakdown and order info, see page 61

TransSteel 2700 C MV

MIG / TIG / STICK

Standard Package:

- / 270A welding power source
- / Integrated wire feeder
- / MIG Gun, air-cooled, 60°, 15'
- / TIG torch, air-cooled, 13'
- / Ground Cable, clamp, 13'
- / Consumable setup, .030 steel
- / Consumable setup, .035 steel
- / Feeder roll, U-.030
- / Feeder roll, U-.035
- / Flow meter with gas adapter
- / Pre-Assembled & tested

/ Package #49,0400,0038

/ MSRP: \$3,469

(!) Please note package prices are specially calculated as configured. Changing or removing any components could increase the price of the full package. Cart and gas bottle not included. See page 71 for options.

FEATURES

- / Fully digital multiprocess synergic inverter
- / Highly adaptive arc
- / Color-coded consumables
- / All-in-one welding torch connection (FSC)
- / Highly portable
- / Rugged design
- / 3 years parts and labor warranty
- / Viewing window for wirespool

OPTIONS & ACCESORIES

- / TIG torch
- / Wheeled cart
- / Welding helmet
- / Welding jacket

TransSteel 3500 Key Specifications

Processes	CV, DC TIG, Stick
Open circuit voltage	60 Vdc
Dimensions (L-W-H)	29.4" x 11.8" x 19.6"
Weight	79.1 lbs
Safety Seals	UL, CSA

Mains Voltage	1x230 Vac (-10% / 15%)	3x230 Vac (-10% / 15%)	3x460 Vac (-10% / 15%)		
Max Fuse protection	-	-	35A (slow-blow)		
Generator Requirement	-	-	22.2 kW		
Mains cable	-	-	(included)		
Voltage range MIG	-	-	14.5 - 34.3 Vdc		
Voltage range TIG	-	-	10.4 - 24 Vdc		
Voltage range STICK	-	-	20.4 - 34.3 Vdc		
Current range MIG	-	-	10 - 350A		
Current range TIG	-	-	10 - 350A		
Current range STICK	-	-	10 - 350A		
DUTY CYCLE	NA	NA	40%	60%	100%
104° F	-	-	350A	300A	250A

TransSteel 3500



AIR COOLED



MTG 320i MIG Torch US STYLE (included)

Part number 4,036,407

For parts breakdown and order info, see page 52

TransSteel 3500 C

MIG / TIG / STICK

Standard Package:

- / 350A welding power source
- / Integrated wire feeder
- / MIG Gun, air-cooled, 60°, 15'
- / Ground Cable, clamp, 13'
- / Consumable setup, .035 steel
- / Consumable setup, .045 steel
- / Feeder roll, U-.030
- / Feeder roll, U-.035
- / Flow meter with gas adapter
- / Pre-Assembled & tested

/ Package #49,0400,0039

/ MSRP: \$3,598



AIR COOLED



MTG 320i MIG Torch US STYLE (included)

Part number 4,036,407

For parts breakdown and order info, see page 52

TTG 220A TIG Torch (included)

Part number 4,035,989

For parts breakdown and order info, see page 61

TransSteel 3500 C

MIG / TIG / STICK

Standard Package:

- / 350A welding power source
- / Integrated wire feeder
- / MIG Gun, air-cooled, 60°, 15'
- / TIG torch, air-cooled, 13'
- / Ground Cable, clamp, 13'
- / Consumable setup, .035 steel
- / Consumable setup, .045 steel
- / Feeder roll, U-.030
- / Feeder roll, U-.035
- / Flow meter with gas adapter
- / Pre-Assembled & tested

/ Package #49,0400,0040

/ MSRP: \$4,051

(!) Please note package prices are specially calculated as configured. Changing or removing any components could increase the price of the full package. Cart and gas bottle not included. See page 71 for options.

TransSteel 3500 MV

MIG / TIG / STICK

Standard Package:

- / 350A welding power source
- / VR 5000 wire feeder
- / MIG Gun, air-cooled, 15'
- / TU Cart4 Pro (carriage/mount)
- / Ground Cable, 16', earth clamp
- / Consumable setup, .035 steel
- / Consumable setup, .045 steel
- / Consumable package
- / Pre-Assembled & tested

/ Package #49,0400,0041

/ MSRP: \$4,830

TransSteel 3500

AIR COOLED



MTG 320i MIG Torch US STYLE (included)

Part number 4,036,407

For parts breakdown and order info, see page 52

TransSteel 3500 MV for Boom*

MIG / TIG / STICK

Standard Package:

- / 350A welding power source
- / VR 5000 wire feeder
- / MIG Gun, air-cooled, 15'
- / Ground Cable, 16', earth clamp
- / Consumable setup, .035, .045 steel
- / Consumable package
- / Pre-Assembled & tested
- / *Boom / boom mount not included

/ Package #49,0400,0046

16.4' Control Cable Bundle

/ Package #49,0400,0042

32.4' Control Cable Bundle

/ MSRP: \$5,244



AIR COOLED



MTG 320i MIG Torch US STYLE (included)

Part number 4,036,407

For parts breakdown and order info, see page 52

(!) Please note package prices are specially calculated as configured. Changing or removing any components could increase the price of the full package. Cart and gas bottle not included. See page 71 for options.

TransSteel 5000

FEATURES

- / Fully digital synergic inverter
- / Highly adaptive arc
- / Color-coded consumables
- / All-in-one welding torch connection (FSC)
- / Highly portable
- / Rugged design
- / 3 years parts and labor warranty
- / Viewing window for wirespool

OPTIONS & ACCESORIES

- / Wheeled cart
- / Welding helmet
- / Welding jacket

TransSteel 5000 Key Specifications

Processes	CV, DC TIG, Stick
Open circuit voltage	57 V
Dimensions (L-W-H)	29.4" x 11.8" x 19.6"
Weight	96.1 lbs
Safety Seals	CSA

Mains Voltage	3x 200 Vac (-10% / 15%)	3x230 Vac (-10% / 15%)	3x460 Vac (-10% / 15%)					
Max Fuse protection	63A (slow-blow)		35A (slow-blow)					
Generator Requirement	31.2 kW	30.9 kW	30.8 kW					
Mains cable	AWG 6							
Voltage range MIG	14.3 - 39 Vdc							
Voltage range TIG	N/A							
Voltage range STICK	20.2 - 40 Vdc							
Current range MIG	10 - 500 A							
Current range TIG	N/A							
Current range STICK	10 - 500 A							
DUTY CYCLE	15%	100%	35%	60%	100%	30%	60%	100%
104° F	-	-	500	420	360	500	420	360
77° F	-	-		500	420		500	420

TransSteel 5000 MV

MIG / TIG / STICK

Standard Package:

- / 500A welding power source
- / VR 5000 wire feeder
- / MIG Gun, air-cooled, 15'
- / TU Cart4 Pro (carriage / mount)
- / Ground Cable, 16', earth clamp
- / Consumable setup, .035 steel
- / Consumable setup, .045 steel
- / Consumable package
- / Pre-Assembled & tested

/ Package #49,0400,0043

/ MSRP: \$5,402

TransSteel 5000

AIR COOLED



MTG 320i MIG Torch US STYLE (included)

Part number 4,036,407

For parts breakdown and order info, see page 52

TransSteel 5000 MV for Boom*

MIG / TIG / STICK

Standard Package:

- / 500A welding power source
- / VR 5000 wire feeder
- / MIG Gun, air-cooled, 15'
- / Ground Cable, 13'
- / Consumable setup, .035, .045 steel
- / Consumable package
- / Pre-Assembled & tested
- / *Boom / boom mount not included

/ Package #49,0400,0047

16.4' Control Cable Bundle

/ Package #49,0400,0044

32.4' Control Cable Bundle

/ MSRP: \$5,637



AIR COOLED



MTG 400i MIG Torch US STYLE (included)

Part number 4,036,422

For parts breakdown and order info, see page 52

TransSteel 3500



AIR COOLED



MTG 400i MIG Torch US STYLE (included)

Part number 4,036,423

For parts breakdown and order info, see page 52

TransSteel 5000 MV Dual Head MIG / TIG / STICK

Standard Package:

- / 500A welding power source
- / 2 VR 5000 wire feeders
- / 2 MIG Gun, air-cooled, 15'
- / TU Cart4 Pro (carriage / mount)
- / Ground Cable, 16', earth clamp
- / Consumable setup, .035 steel
- / Consumable setup, .045 steel
- / Consumable package
- / Pre-Assembled & tested

/ Package #49,0400,0045

/ MSRP: \$9,653

(!) Please note package prices are specially calculated as configured. Changing or removing any components could increase the price of the full package. Gas bottle not included. See page 71 for options.



TransTig DC

PERFECTION IN TIG WELDING



- / TACKING FUNCTION
- / CUSTOM PULSE SETTINGS
- / UP TO 1000 WELD SCHEDULES
IN JOB MODE
- / PLAIN TEXT DISPLAY
- / HIGH FREQUENCY



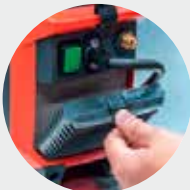
APPLICATION INDUSTRIES

FABRICATION OF CHEMICAL PLANTS, TANKS AND VESSELS, MACHINERY, FOOD & PHARMACEUTICALS.

A perfect, stable arc. The higher operating frequency of the inverter technology makes this stability possible – due to precise control. Maximum efficiency in the duty cycle, the output power and the mains voltage supply. This increased efficiency also makes welding more enjoyable!



- / Knob and push button
- / Gas test button
- / Setting button
- / Welding process status indicator
- / Status indicator



- / A fitted dust/dirt filter ensures the power components inside the device remains free of dirt

FEATURES

- / Ultra light and robust
- / Multivoltage
- / Simple knob and push button operation
- / Individually adjustable
- / Touch High frequency Ignition
- / Hot Start function (on Stick)
- / Power factor correction
- / TAC function
- / TIG Pulse, Electrode Pulse
- / Spot and interval welding
- / Low power consumption
- / 3 years parts and labor warranty

OPTIONS (P. 71) & ACCESORIES

- / Foot pedal
- / Welding helmet
- / Welding jacket

**TransTig 170 Key Specifications**

Processes	DC TIG, TIG pulse, Stick
Open circuit voltage	101 Vdc
Dimensions (L-W-H)	17.1" x 6.3" x 12.2"
Weight	21.61 lbs
Safety Seals	CE, CSA

Mains Voltage	1x120 Vac (-20% / 15%)			1x120 Vac (-20% / 15%)			1x230 Vac (-30% / 15%)		
Max Fuse protection	15A (slow-blow)			20A (slow-blow)			16A (slow-blow)		
Generator Requirement TIG	130A			140A			170A		
Generator Requirement Stick	85A			100A			150A		
Voltage range TIG	10.1 -15.6 Vdc			10.1 - 15.6 Vdc			10.5 - 16.8 Vdc		
Voltage range STICK	20.4 - 24.0			20.4 - 24.0 Vdc			20.4 - 26.0 Vdc		
Current range TIG	3 - 130A			3 - 140A			3 - 170A		
Current range STICK	10 - 85A			10 - 100A			10 - 150A		
DUTY CYCLE	40%	60%	100%	40%	60%	100%	40%	60%	100%
TIG -104° F	130A	120A	100A	140A	120A	100A	170A	155A	140A
Stick - 104° F	-	85A	80A	100A	90A	80A	150A	120A	110A

TransTig 170



AIR COOLED



TIG Torch

Part number: 44,0350,5461

For parts breakdown and order info, see page 65

TransTig 170

TIG / STICK

Standard Package:

- / 170A TIG DC welding power source
- / 180A Aircooled TIG Hosepack, with up/down controls, 26'
- / 220A Aircooled TIG Torch body
- / Ground Cable, 13', earth clamp
- / Electrode cable, 13'
- / Tool Case 85 (carrying case)
- / Gas adaptor
- / Gas regulator
- / Wear part kit
- / Pre-Assembled & tested

/ Package #49,0400,0012

/ MSRP: \$2,114



(!) Please note package prices are specially calculated as configured. Changing or removing any components could increase the price of the full package. See page 71 for options.

FEATURES

- / Ultra light and robust
- / Multivoltage
- / Simple knob and push button operation
- / Individually adjustable
- / Touch High frequency Ignition
- / Hot Start function (on Stick)
- / Power factor correction
- / TAC function
- / TIG Pulse, Electrode Pulse
- / Spot and interval welding
- / Low power consumption
- / 3 years parts and labor warranty

OPTIONS (P. 71) & ACCESORIES

- / Foot pedal
- / Welding helmet
- / Welding jacket



PROTECTIVE
EQUIPMENT

SEE PAGE 67

TransTig 210 Key Specifications

Processes	DC TIG, TIG pulse, Stick
Open circuit voltage	101 Vdc
Dimensions (L-W-H)	17.1" x 6.3" x 12.2"
Weight	21.61 lbs
Safety Seals	CE, CSA

Mains Voltage	1x120 Vac (-20% / 15%)			1x120 Vac (-20% / 15%)			1x230 Vac (-30% / 15%)		
Max Fuse protection	15A (slow-blow)			20A (slow-blow)			16A (slow-blow)		
Generator Requirement TIG	130A			170A			210A		
Generator Requirement Stick	85A			120A			180A		
Voltage range TIG	10.1 - 16.8 Vdc			10.1 - 16.8 Vdc			10.1 - 18.4 Vdc		
Voltage range STICK	20.4 - 24.8 Vdc			20.4 - 24.8 Vdc			20.4 - 27.2 Vdc		
Current range TIG	3 - 130A			3 - 170A			3 - 210A		
Current range STICK	10 - 85A			10 - 120A			10 - 180A		
DUTY CYCLE	40%	60%	100%	40%	60%	100%	40%	60%	100%
TIG -104° F	-	130A	120A	170A	150A	120A	210A	185A	160A
Stick -104° F	-	-	85A	120A	100A	90A	180A	150A	120A

TransTIG 210



AIR COOLED



TIG Torch

Part number: 44,0350,5461

For parts breakdown and order info, see page 65

TransTig 210

TIG / STICK

Standard Package:

- / 210A TIG DC welding power source
- / 180A Aircooled TIG Hosepack, with up/down controls, 26'
- / 220A Aircooled TIG Torch body
- / Ground Cable, 13', earth clamp
- / Electrode cable, 13'
- / Tool Case 85 (carrying case)
- / Gas adaptor
- / Gas regulator
- / Wear part kit
- / Pre-Assembled & tested

/ Package #49,0400,0013

/ MSRP: \$2,584



(!) Please note package prices are specially calculated as configured. Changing or removing any components could increase the price of the full package. See page 71 for options.

FEATURES

- / 4.3" color display
- / Quick and easy to operate
- / Pulsed-arc mode
- / Tacking function
- / High frequency ignition
- / Connectivity with other devices
- / (WLAN, Bluetooth, NFC)
- / 3 years parts and labor warranty

OPTIONS (P. 71) & ACCESSORIES

- / Wheeled cart
- / Torch controls
- / Foot pedal
- / Welding helmet
- / Welding jacket

**PROTECTIVE
EQUIPMENT**

SEE PAGE 67

**TransTig 230i Key Specifications**

Processes	DC TIG, TIG pulse, Stick
Open circuit voltage	97 Vdc
Dimensions (L-W-H)	22" x 8.3" x 14.5"
Weight	35.1 lbs
Safety Seals	UL, CSA

Mains Voltage	1x120 Vac (-15% / 15%)			1x120 Vac (-15% / 15%)			1x230 Vac (-15% / 15%)		
Max Fuse protection	15A (slow-blow)			20A (slow-blow)			16A (slow-blow)		
Generator Requirement	2.4 kW			3.2 kW			4.8 kW		
Mains cable	included								
Voltage range MIG	-			-			-		
Voltage range TIG	10.1 - 19.2 Vdc			10.1 - 19.2 Vdc			10.1 - 19.2 Vdc		
Voltage range STICK	20.4 - 27.6 Vdc			20.4 - 27.6 Vdc			20.4 - 27.6 Vdc		
Current range MIG	-			-			-		
Current range TIG	3 - 100A			3 - 170A			3 - 230A		
Current range STICK	10 - 120A			10 - 120A			10 - 190A		
DUTY CYCLE	45%	60%	100%	45%	60%	100%	45%	60%	100%
104° F	100A	100A	100A	170A	155A	130A	230A	205A	170A

TransTig DC



AIR COOLED



THP 220i G/UD/26.3' (8m) (included)

Part number: Torch 4,051,310

Body: 44,0350,4409

For parts breakdown and order info see page 54

TransTig 230i

TIG / STICK

Standard Package:

- / 230A DC welding power source
- / Feeder spaceholder
- / TIG torch, air-cooled, 26.3'
- / Ground cable, 13ft
- / Flow meter with gas adapter
- / Pre-assembled & tested

/ Package #49,0400,0017

/ MSRP: \$4,430



WATER COOLED



THP 300i W/UD/26.3' (8m) (included)

Part number: Torch 4,051,322

Body: 44,0350,4412

For parts breakdown and order info see page 56

TransTig 230i

TIG / STICK

Standard Package:

- / 230A DC welding power source
- / Feeder spaceholder
- / Water-cooler with flow sensor
- / TIG torch, 26ft
- / Ground cable, 13ft
- / Flow meter with gas adapter
- / Pre-assembled & tested

/ Package #49,0400,0018

/ MSRP: \$5,741

(!) Please note package price is specially calculated as configured. Changing or removing any components could increase the price of the full package.

FEATURES

- / Quick and easy to operate
- / Pulsed-arc mode
- / Tacking function
- / High frequency ignition
- / 3 years parts and labor warranty

OPTIONS (P. 71) & ACCESSORIES

- / Wheeled cart
- / Torch controls
- / Foot pedal
- / Welding helmet
- / Welding jacket



**PROTECTIVE
EQUIPMENT**

SEE PAGE 67

**TransTig 3000 Key Specifications**

Processes	DC TIG, TIG Pulse, Stick
Open circuit voltage	85 Vdc
Dimensions (L-W-H)	22.04" x 9.8" x 17.1"
Weight	57.1 lbs
Safety Seals	UL, CSA

Mains Voltage	1x230 Vac (-10% / 10%)	3x240 Vac (-10% / 15%)	3x460 Vac (-10% / 10%)					
Max Fuse protection	32A (slow-blow)	32A (slow-blow)	32A (slow-blow)					
Generator Requirement	5.8 kW	19.8 kW	20.7 kW					
Suggested Mains cable	AWG 12 (not included)	AWG 8 (not included)	AWG 10 (not included)					
Voltage range MIG	-	-	-					
Voltage range TIG	10.1 - 22 Vdc	10.1 - 22 Vdc	10.1 - 22 Vdc					
Voltage range STICK	20.4 - 32 Vdc	20.4 - 32 Vdc	20.4 - 32 Vdc					
Current range MIG	-	-	-					
Current range TIG	3 - 220A	3 - 300A	3 - 300A					
Current range STICK	10 - 180A	10 - 300A	10 - 300A					
DUTY CYCLE	55%	100%	-	35%	100%	-	30%	100%
104° F	220A	190A	-	300A	210A	-	300A	2400A
77° F	220A	190A	-	300A	240A	-	300A	240A

TransTig 3000 DC



WATER COOLED



TTG 2200P F/UD/26ft (8m) (included)

Part number: 4,035,759,630

For parts breakdown and order info see page 63

* Cart and gas bottle not included.

TransTig 3000 Comfort MV

TIG / STICK

Standard Package:

- / 300A welding power source
- / Water-cooler with flow sensor
- / TIG torch, 26ft
- / Ground cable, 13ft
- / Flow meter w/ gas adapter
- / Pre-assembled & tested

/ Package #49,0400,0014

/ MSRP: \$7,914

(!) Please note package prices are specially calculated as configured. Changing or removing any components could increase the price of the full package. Cart and gas bottle not included. See page 71 for options.



FEATURES

- / Quick and easy to operate
- / Pulsed-arc mode
- / Tacking function
- / High frequency ignition
- / 3 years parts and labor warranty

OPTIONS (P. 71) & ACCESSORIES

- / Wheeled cart
- / Torch controls
- / Foot pedal
- / Welding helmet
- / Welding jacket



**PROTECTIVE
EQUIPMENT**

SEE PAGE 67

**TransTig 4000 Key Specifications**

Processes	DC TIG, TIG Pulse, Stick
Open circuit voltage	86 Vdc
Dimensions (L-W-H)	24.6" x 11.4" x 18.7"
Weight	87.74 lbs
Safety Seals	UL, CSA

Mains Voltage	3x200 Vac (-10% / 10%)			3x240 Vac (-10% / 10%)			3x460 Vac (-10% / 10%)		
Max Fuse protection	63A (slow-blow)			63A (slow-blow)			35A (slow-blow)		
Generator Requirement	26.9 Kw			26.9 kW			26.9 kW		
Suggested Mains cable	AWG 6 (not included)						AWG 10 (not included)		
Voltage range MIG	-			-			-		
Voltage range TIG	10.1 - 26 Vdc			10.1 - 26 Vdc			10.1 - 26 Vdc		
Voltage range STICK	20.4 - 36 Vdc			20.4 - 36 Vdc			20.4 - 36 Vdc		
Current range MIG	-			-			-		
Current range TIG	3 - 400A			3 - 400A			3 - 400A		
Current range STICK	10 - 400A			10 - 400A			10 - 400A		
DUTY CYCLE	45%	60%	100%	45%	60%	100%	45%	60%	100%
104° F	400A	360A	300A	400A	360A	300A	400A	360A	300A
77° F	-	400A	380A	-	400A	380A	-	400A	380A

TransTig 4000 DC



AIR COOLED



* Cart and gas bottle not included.

TransTig 4000 Comfort MV STICK

Standard Package:

- / 400A welding power source
- / Ground cable, 13ft
- / Pre-assembled & tested
- / *water-cooler not included in this package

/ Package #49,0400,0015
 / MSRP: \$7,197



WATER COOLED



TTG 2200P F/UD/26ft (8m) (included)

Part number: 4,035,779,630

For parts breakdown and order info see page 65

* Cart and gas bottle not included.

TransTig 4000 Comfort MV TIG / STICK

Standard Package:

- / TT 3000 Comfort MV
- / Water-cooler with flow sensor
- / Ground cable, 13ft
- / TIG torch, 26ft
- / Flow meter w/ gas adapter
- / Pre-assembled

/ Package #49,0400,0016
 / MSRP: \$9,349

(!) Please note package price is specially calculated as configured. Changing or removing any components could increase the price of the full package. **Cart and gas bottle not included.** See page 71 for options.

MagicWave

AC/DC TIG welding



- / TACKING FUNCTION
- / CUSTOM PULSE SETTINGS
- / UP TO 1000 WELD SCHEDULES
IN JOB MODE
- / PLAIN TEXT DISPLAY
- / HIGH FREQUENCY



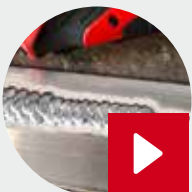
APPLICATION INDUSTRIES

FABRICATION, CHEMICAL PLANTS, TANKS AND VESSELS, MACHINERY, FOOD & PHARMACEUTICALS.

A welding power source that is quick and easy to operate, with an easy to use LCD screen. Fronius offers from 190 amps to 400 amps in this AC/DC high frequency series welding machine.



/ 4.3" color display, with intuitive, easy menu navigation allows a quick setting of parameters.



"I swear this machine almost programs your hands! I LOVE IT - It's a game changer"

- Justin Merrill, owner (The Fabrication Series, Las Vegas, NV)

FEATURES

- / 4.3" color display
- / Quick and easy to operate
- / Pulsed-arc mode
- / Tacking function
- / High frequency ignition
- / Pulse pro function
- / Job function
- / 3 years parts and labor warranty

OPTIONS (P. 71) & ACCESSORIES (P. 67)

- / Torch controls
- / Wire feed
- / Remote control
- / Welding helmet
- / Welding jacket

MagicWave 190i Key Specs

Processes	AC/DC TIG, Pulse, Stick
Open circuit voltage	100 Vdc
Dimensions (L-W-H)	22" x 8.3" x 14.5"
Weight	36.4 lbs
Safety Seals	UL, CSA

Mains Voltage	1x120 Vac (-15% /15%)			1x120 Vac (-15% /15%)			1 x 230 Vac (-10% / +15%)		
Max Fuse protection	15A (slow-blow)			20A (slow-blow)			16A (slow-blow)		
Generator Requirement	2.4 kW			3.2 kW			5 kW		
Mains cable	included								
Voltage range MIG	-			-			-		
Voltage range TIG	10.1 - 17.6 Vdc			10.1 - 17.6 Vdc			10.1 - 17.6 Vdc		
Voltage range STICK	20.4 - 26.8 Vdc			20.4 - 26.8 Vdc			20.4 - 26.8 Vdc		
Current range MIG	-			-			-		
Current range TIG	3 - 100A			3 - 150A			3 - 190A		
Current range STICK	10 - 100A			10 - 110A			10 - 170A		
DUTY CYCLE	35%	60%	100%	35%	60%	100%	35%	60%	100%
104° F	100A	100A	100A	150A	120A	100A	190A	160A	140A

MagicWave 190i



AIR COOLED



THP 220i G/UD/26.3' (8m) (included)

Part number: Torch 4,051,310

Body: 44,0350,4409

For parts breakdown and order info see page 54

MagicWave 190i

TIG / STICK

Standard Package:

/ 190A AC/DC welding power source

/ TIG torch 26.3'

/ TTB 220iP G

/ Ground cable, 13'

/ Flow meter with gas adapter

/ Pre-assembled& tested

/ Package #49,0400,0029

/ MSRP: \$4,473

(!) Please note package price is specially calculated as configured. Changing or removing any components could increase the price of the full package.



FEATURES

- / 4.3" color display
- / Quick and easy to operate
- / Pulsed-arc mode
- / Tacking function
- / High frequency ignition
- / Pulse pro function
- / Job function
- / 3 years parts and labor warranty

OPTIONS (P. 71) & ACCESSORIES

- / Torch controls
- / Wire feed
- / Remote control
- / Welding helmet
- / Welding jacket



**PROTECTIVE
EQUIPMENT**

SEE PAGE 67

**MagicWave 230i Key Specs**

Processes	AC/DC TIG, Pulse, Stick
Open circuit voltage	100 Vdc
Dimensions (L-W-H)	22" x 8.3" x 14.5"
Weight	36.4 lbs
Safety Seals	UL, CSA

Mains Voltage	1x120 Vac (-15% /15%)			1x120 Vac (-15% /15%)			1x230 Vac (-15% /15%)		
Max Fuse protection	15A (slow-blow)			20A (slow-blow)			16A (slow-blow)		
Generator Requirement	2.4 kW			3.2 kW			6.2 kW		
Mains cable	included								
Voltage range MIG	-			-			-		
Voltage range TIG	10.1 - 19.2 Vdc			10.1 - 19.2 Vdc			10.1 - 19.2 Vdc		
Voltage range STICK	20.4 - 27.6 Vdc			20.4 - 27.6 Vdc			20.4 - 27.6 Vdc		
Current range MIG	-			-			-		
Current range TIG	3 - 100A			10 - 170A			10 - 230A		
Current range STICK	10 - 100A			10 - 120A			10 - 190A		
DUTY CYCLE	35%	60%	100%	35%	60%	100%	35%	60%	100%
104° F	100A	100A	100A	170A	140A	120A	230A	195A	165A

MagicWave 230i



AIR COOLED



THP 220i G/UD/26.3' (8m) (included)

Part number: Torch 4,051,310

Body: 44,0350,4409

For parts breakdown and order info see page 54

Magicwave 230i

TIG / STICK

Standard Package:

- / 230A welding power source
- / TIG torch, 26ft
- / TTB 220iP G
- / Ground cable, 13ft
- / Flow meter w/ gas adapter
- / Pre-assembled & tested

/ Package #49,0400,0031

/ MSRP: \$4,802



WATER COOLED



THP 300i W/UD/26.3' (8m) (included)

Part number: Torch 4,051,322

Body: 44,0350,4412

For parts breakdown and order info see page 56

Magicwave 230i

TIG / STICK

Standard Package:

- / 230A welding power source
- / Water-cooler with flow sensor
- / TIG torch, 26ft
- / Ground cable, 13ft
- / Flow meter w/ gas adapter
- / Pre-assembled & tested

/ Package #49,0400,0032

/ MSRP: \$6,118

FEATURES

- / Quick and easy to operate
- / Pulsed-arc mode
- / Tacking function
- / High frequency ignition
- / 3 years parts and labor warranty

OPTIONS (P. 71) & ACCESSORIES (P. 67)

- / Torch controls
- / Remote control
- / Welding helmet
- / Welding jacket

MagicWave 3000 Key Specs

Processes	AC/DC TIG, Pulse, Stick
Open circuit voltage	89 Vdc
Dimensions (L-W-H)	24.6" x 9.8" x 25.8"
Weight	91.9 lbs
Safety Seals	UL, CSA

Mains Voltage	1x230 Vac (-10% / 10%)			3x240 Vac (-10% / 10%)			3x460 Vac (-10% / 10%)		
Max Fuse protection	32A (slow-blow)			32A (slow-blow)			16A (slow-blow)		
Generator Requirement	5.8 kW			19.8 kW			20.7 kW		
Suggested Mains cable	AWG 12 (not included)			AWG 8 (not included)			AWG 10 (not included)		
Voltage range MIG	-			-			-		
Voltage range TIG	10.1 - 22 Vdc			10.1 - 22 Vdc			10.1 - 22 Vdc		
Voltage range STICK	20.4 - 32 Vdc			20.4 - 32 Vdc			20.4 - 32 Vdc		
Current range MIG	-			-			-		
Current range TIG	3 - 220A			3 - 300A			3 - 300A		
Current range STICK	10 - 180A			10 - 300A			10 - 300A		
DUTY CYCLE	-%	50%	100%	-%	30%	100%	-%	30%	100%
104° F	-	220A	160A	-	300A	180A	-	300A	190A
77° F	-	220A	190A	-	300A	240A	-	300A	240A

MagicWave 3000



WATER COOLED



TTG 3000P F/UD/26ft (8m) (included)

Part number: 4,035,759,630

For parts breakdown and order info see page 63

MagicWave 3000 Comfort MV TIG / STICK

Standard Package:

- / 300A welding power source
- / Water cooler with flow sensor
- / TIG torch, 26'
- / Ground cable, 13'
- / Flow meter with gas adapter
- / Pre-assembled

/ Package #49,0400,0026

/ MSRP: \$8,330

(!) Please note package prices are specially calculated as configured. Changing or removing any components could increase the price of the full package.



FEATURES

- / Quick and easy to operate
- / Pulsed-arc mode
- / Tacking function
- / High frequency ignition
- / 3 years parts and labor warranty

OPTIONS (P. 71) & ACCESSORIES

- / Torch controls
- / Wire feed
- / Remote control
- / Welding helmet
- / Welding jacket



**PROTECTIVE
EQUIPMENT**

SEE PAGE 67

**MagicWave 4000 Key Specs**

Processes	AC/DC TIG, Pulse, Stick
Open circuit voltage	90 Vdc
Dimensions (L-W-H)	24.6" x 11.4" x 27.8"
Weight	132.30 lbs
Safety Seals	UL, CSA

Mains Voltage	3x200 Vac (-10% / 10%)			3x240 Vac (-10% / 10%)			3x460 Vac (-10% / 10%)		
Max Fuse protection	63A (slow-blow)			63A (slow-blow)			35A (slow-blow)		
Generator requirement	32.7 kW			32.5 kW			32.5 kW		
Suggested Mains cable	AWG 6 (not included)			AWG 6 (not included)			AWG 10 (not included)		
Voltage range MIG	-			-			-		
Voltage range TIG	10.1 - 26 Vdc			10.1 - 26 Vdc			10.1 - 26 Vdc		
Voltage range STICK	20.4 - 36 Vdc			20.4 - 36 Vdc			20.4 - 36 Vdc		
Current range MIG	-			-			-		
Current range TIG	3 - 400A			3 - 400A			3 - 400A		
Current range STICK	10 - 400A			10 - 400A			10 - 400A		
DUTY CYCLE	45%	60%	100%	45%	60%	100%	45%	60%	100%
104° F	400A	360A	300A	400A	360A	300A	400A	360A	300A
77° F	-	400A	380A	-	400A	380A	-	400A	380A

MagicWave 4000



WATER COOLED



TTG 4000P F/UD/26ft (8m) (included)

Part number: 4,035,779,630

For parts breakdown and order info see page 65

MagicWave 4000 Comfort MV TIG / STICK

Standard Package:

- / 400A welding powersource
- / Water cooler with flow sensor
- / TIG torch, 26'
- / Ground cable, 13'
- / Flow meter with gas adapter
- / Pre-assembled

/ Package #49,0400,0028

/ MSRP: \$11,599

(!) Please note package price is specially calculated as configured. Changing or removing any components could increase the price of the full package. Cart and gas bottle not included. See page 71 for options.



/// **MACHINE
OPTIONS** ///

SEE PAGE 71

/// **TORCHES** ///

/// SEE PAGE 51 ///

AccuPocket

Weld anywhere

30 MIN
QUICK
CHARGE



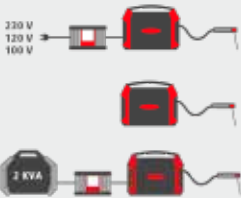
- / BATTERY POWERED
- / CHARGE LEVEL ON DISPLAY
- / LIGHT & PORTABLE
- / SINGLE KNOB



APPLICATION INDUSTRIES

LIGHT AND HEAVY FABRICATION

Repair-welding high up in the mountains, field work out in the country or welding work at exposed locations: until recently, jobs like these always involved costly and time-consuming preparations. Long mains supply leads or big, heavy 8kVA generators are no longer necessary. AccuPocket began an era of unprecedented, high quality mobile welding.



/ Highly flexible, the AccuPocket can be used in Battery mode, and weld up to 18 electrodes (3/32) or up to 124 inches TIG on a single charge; Hybrid mode, 120 V mains still equals the full 150A of output power; and Generator mode, it can utilize 2KVA generators due to low power input.



"The AccuPocket is the handiest tool I have ever seen, we use it every week. People do not realize what can be repaired with just a few electrodes."

- Steve Scott, owner (Triple A Fabrication, Opelika, AL)

FEATURES

- / Highly portable, battery powered welder
- / 45 min. recharge, 30 min. with rapid charge
- / Rugged design
- / Convenient wheeled storage case
- / Simple controls
- / Perfect starts, no sticking
- / Perfect welding with any electrode type
- / 3 years parts and labor warranty

OPTIONS (P. 71) & ACCESORIES

- / TIG Torch
- / Welding helmet
- / Welding jacket



**PROTECTIVE
EQUIPMENT**

SEE PAGE 67

AccuPocket 150 Key Specifications

Processes	TIG, Stick
Open circuit voltage	91Vdc
Dimensions (L-W-H)	17.1" x 6.3" x 12.2"
Weight	24.3
Safety Seals	UL, CSA

Mains Voltage	1x120 Vac (-15% / 15%)			1x120Vac (-15% / 15%)			1x230Vac (N/A)		
Max Fuse protection	15A (slow-blow)			20A (slow-blow)			-		
Generator Requirement	2.4kW			3.2kW			-		
Mains cable	Included			Included			-		
Voltage range MIG	-			-			-		
Voltage range TIG	-			-			-		
Voltage range STICK	-			-			-		
Current range MIG	-			-			-		
Current range TIG	3 - 150A			3-150A			-		
Current range STICK	10 - 140A			10 - 140A			-		
DUTY CYCLE	18%	25%	100%	18%	25%	100%	40%	60%	100%
104° F	140A	100A	40A	140A	100A	40A	-	-	-
77° F	140A	100A	40A	140A	100A	40A	-	-	--

AccuPocket 150



TTG 1600A S/B 13ft (4m) TIG torch (not included)

Part number: 4,035,862

For parts breakdown and order info see page 59

AccuPocket 150 / 400

STICK

Standard Package:

- / 150A welding power source
- / Battery charger ActiveCharger 1000
- / Electrode cable, 13'
- / Ground cable, 13'
- / Powerbox 180
- / Pre-Assembled

/ Package #49,0400,0000

/ MSRP: \$3,059



TTG 1600A FS/UD/13ft (4m) TIG torch (included)

Part number: 4,035,979

For parts breakdown and order info see page 58

AccuPocket 150 / 400 TIG

TIG / STICK

Standard Package:

- / 150 welding power source
- / Battery charger ActiveCharger 1000
- / TIG torch, air-cooled, 13'
- / Electrode cable, 13'
- / Ground cable, 13'
- / Powerbox 180
- / Flow meter with gas adapter
- / Pre-assembled

/ Package #49,0400,0001

/ MSRP: \$3,902

TransPocket

Portable Welding



- / EASY TO USE
- / RUGGED DESIGN
- / LIGHT & PORTABLE
- / HOT START / SOFT START



APPLICATION INDUSTRIES

LIGHT AND HEAVY FABRICATION

The new TransPocket series stands for maximum energy efficiency. Lower energy consumption means lower energy costs. It's unique PFC (Power Factor Correction), allows operators to extend up to 300 ft of primary cable without affecting welding results. This massively expands the action radius for the welder.



INCLUDED FEATURES

/ Anti-Stick - Allows operators to safely remove the electrode from the work piece after making contact

/ Welding mode - The TP 180 includes operating modes designed specifically for Basic 7018 and Cellulose 6010. The maximum electrode size is 5/32

/ Arc Ignition - Hot Start and Soft Start function makes it easier to ignite cellulose 6010 and basic 7018



/ Powerbox, carrying and storage case

FEATURES

- / Highly portable welder
- / Rugged design
- / Easy to use
- / Convenient wheeled storage case
- / Digital power correction technology
- / Dual voltage design (110 & 230)
- / Perfect starts, no sticking
- / Consistent welds 300 + feet from outlet
- / 3 years parts and labor warranty

OPTIONS (P. 71) & ACCESORIES

- / TIG Torch
- / Welding helmet
- / Welding jacket



**PROTECTIVE
EQUIPMENT**

SEE PAGE 67

TransPocket 180 Key Specifications

Processes	Stick, Stick Pulse, TIG, TIG Pulse
Open circuit voltage	101 Vdc
Dimensions (L-W-H)	17.1" x 6.3" x 12.2"
Weight	19.6 lbs
Safety Seals	UL, CSA

Mains Voltage	1x120 Vac (-20% / 15%)			1x120 Vac (-20% / 15%)			1x230 Vac (-20% / 15%)		
Max Fuse protection	15A (slow-blow)			20A (slow-blow)			16A (slow-blow)		
Generator Requirement	3.1 kW			4.5 kW			7.8 kW		
Mains cable	included								
Voltage range MIG	-			-			-		
Voltage range TIG	10.4 - 18.8 Vdc			10.4 - 18.8 Vdc			10.4 - 18.8 Vdc		
Voltage range STICK	20.4 - 27.2 Vdc			20.4 - 27.2 Vdc			20.4 - 27.2 Vdc		
Current range MIG	-			-			-		
Current range TIG	10 - 140A			10 - 170A			10 - 220A		
Current range STICK	10 - 85A			10 - 120A			10 - 180A		
DUTY CYCLE	40%	60%	100%	40%	60%	100%	40%	60%	100%
104° F	85A	70A	65A	120A	100A	90A	180A	150A	120A
77° F	-	-	85A	100A	-	90A	180A	150A	120A

TransPocket 180



TTG 2200A U/D 13ft (4m) TIG torch (not included)

Part number: 4,035,989

For parts breakdown and order info see page 61

TransPocket 180 Stick STICK

Standard Package:

- / 180A welding power source
- / Electrode cable, 13'
- / Ground cable, 13'
- / Mains cable (110 & 230)
- / Powerbox 180
- / Pre-assembled

/ Package #49,0400,0002
/ MSRP: \$1,283



TTG 2200P S /13ft (4m) TIG torch (included)

Part number: 4,035,989

For parts breakdown and order info see page 61

TransPocket 180 TIG TIG / STICK

Standard Package:

- / 180A welding power source
- / Electrode cable, 13'
- / TIG torch, integrated gas valve, 13'
- / Ground cable, 13'
- / Mains cable (110 & 230)
- / Flow meter with gas adapter
- / Powerbox 180
- / Pre-assembled

/ Package #49,0400,0005
/ MSRP: \$1,942

Welding Torches

GMAW / PUSH PULL / GTAW



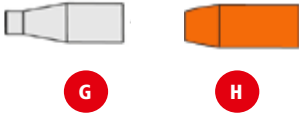
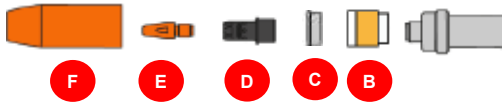
- / ERGONOMIC
- / LIGHT
- / COMPACT
- / RAPID COOLING



GMAW Torches

MTG 320i US STYLE FSC/EH/15'60° / TST 2700, TPS270i STEEL
 MTG 320i US STYLE FSC/SH/15'60°
 MTG 400i US STYLE FSC/EH/15'60°

Part Number: 4,036,407 / 4,036,422 / 4,036,423 / 4,036,425



#	Part No.	Description
B	44,0350,4371	Gas nozzle mount, sleeve
C	42,0402,0334	O-ring, torch gas nozzle
D	42,0001,6639,5	Nozzle stock / Diffusor
E	42,0001,6464,10	Contact tip, steel, M8, .030
	42,0001,6465,10	Contact tip, steel, M8, .035
	42,0001,6466,10	Contact tip, steel, M8, .040
	42,0001,6467,10	Contact tip, steel, M8, .045
	42,0001,6469,10	Contact tip, steel, M8, 1/16
F	44,0350,2028,5	Gas nozzle, standard
G	44,0350,2030,5	Gas nozzle, heavy duty
H	44,0350,2108,5	Gas nozzle, narrow gap

DUTY CYCLE (104°F)		
100%	60%	40%
60A	80A	320A

MTG 400i DUTY CYCLE (104°F)		
100%	60%	40%
260A	320A	400A

Part No.	Description
Liner (steel filler metal)	
40,0002,0052,005	.030
40,0002,0053,005	.035
40,0002,0054,005	.045
40,0002,0055,005	1/16
Clamp	
44,0350,3317	.035 (blue)
44,0350,3318	.045 (red)
44,0350,3320	1/16 (black)
Feeder drive rolls	
44,0001,1406	.035 (blue)
44,0001,1407	.045 (red)
44,0001,1408	1/16 (black)

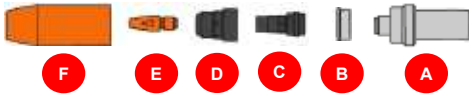
TRANSSTEEL 2200 DRIVE ROLLERS

Part No.	Description
42,0001,6688	0.8 T
42,0001,6689	0.8/1.0 T

MHP 280i / MTB 320i - TPS270i ALUMINUM

GMAW Torches

Part number: Torch whip: 4,047,786
Torch body: 44,0350,3153



STANDARD CONSUMABLES

#	Part No.	Description
A	44,0350,4251	Gas nozzle mount
B	42,0100,1429	Insulation ring
C	42,0001,3987	Nozzle stock
D	42,0100,0575	Spatter guard
E	42,0001,6464	Contact tip, steel, M8, .030
	42,0001,6465	Contact tip, steel, M8, .035
	42,0001,6466	Contact tip, steel, M8, .040
	42,0001,6467	Contact tip, steel, M8, .045
	42,0001,6469	Contact tip, steel, M8, 1/16
F	42,0001,4080	Gas nozzle, standard

HEAVY DUTY CONSUMABLES

B	42,0100,0530	Insulation ring, heavy duty
D	42,0100,0532	Spatter guard, heavy duty
F	42,0001,4789	Gas nozzle, heavy duty



TORCH DRIVE CONSUMABLES

#	Part No.	Description
A	42,0405,2055	Guide nozzle, rear, .045
	42,0405,2054	Guide nozzle, rear, 1/16
B	44,0001,1490	Feeder roll set, .030
	44,0001,1491	Feeder roll set, .035
	44,0001,1492	Feeder roll set, .040
	44,0001,1493	Feeder roll set, .045
	44,0001,1495	Feeder roll set, 1/16
C	42,0405,2053	Gas nozzle, front, .030
	42,0405,2052	Gas nozzle, front, .035

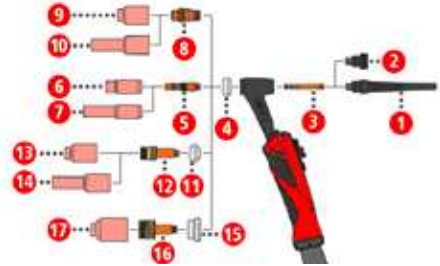
DUTY CYCLE (104°F)

100%	60%	40%
170	220	280

Part No.	Description
Liner (steel filler metal)	
40,0001,0530	.035
40,0001,0531	.045
40,0001,0532	1/16
Clamp	
44,0350,3317	.035 (blue)
44,0350,3318	.045 (red)
44,0350,3320	1/16 (black)
Feeder drive rolls	
44,0001,1406	.035 (blue)
44,0001,1407	.045 (red)
44,0001,1408	1/16 (black)

#	Part No.	Description
C	42,0405,2051	Gas nozzle, front, .040
	42,0405,2050	Gas nozzle, front, .045
	42,0405,2047	Gas nozzle, front, 1/16
D	44,0350,3713	Torch body insert, Al, .030
	44,0350,3714	Torch body insert, Al, .035
	44,0350,3715	Torch body insert, Al, .045
	44,0350,3716	Torch body insert, Al, 1/16
E	See manual	steel and stainless options

Part Number: Torch whip: 4,051,310
 Torch body: 44,0350,4409



#	Part No.	Description
1	44,0350,1597	Torch cap, long
2	44,0350,1596	Torch cap, short
3	42,0001,0284	Clamping sleeve, 1.0/Ø6, 35x51.5
	42,0001,0285	Clamping sleeve, 1.6/Ø6, 35x51.5
	42,0001,0286	Clamping sleeve, 2.4/Ø6, 35x55.5
	42,0001,0287	Clamping sleeve, 3.2/Ø6, 35x55.5
	42,0001,2577	Clamping sleeve, 4.0/Ø6, 35x55.5
4	42,0100,0408	Head shield standard Ø22/Ø15x10
5	42,0001,3032	Clamping sleeve case 1,0/Ø11,1x46,8
	42,0001,3033	Clamping sleeve case 1,6/Ø11,1x46,8
	42,0001,3034	Clamping sleeve case 2,4/Ø11,1x46,8
	42,0001,3035	Clamping sleeve case 3,2/Ø11,1x46,8
	42,0001,3036	Clamping sleeve case 4,0/Ø11,1x46,8
6*	42,0300,2276	Gas nozzle ceramic Ø6,5/Ø18x47
	42,0300,2277	Gas nozzle ceramic Ø8/Ø18x47
	42,0300,2278	Gas nozzle ceramic Ø9,5/Ø18x47
	42,0300,2279	Gas nozzle ceramic Ø11/Ø18x47
	42,0300,2280	Gas nozzle ceramic Ø12,5/Ø18x47
	42,0300,2281	Gas nozzle ceramic Ø16/Ø20,5x47
	42,0300,2282	Gas nozzle ceramic Ø19,5/Ø23,5x50

#	Part No.	Description
7	42,0300,2283	Gas nozzle ceramic Ø8/Ø18x76
	42,0300,2284	Gas nozzle ceramic Ø9,5/Ø18x76
	42,0300,2285	Gas nozzle ceramic Ø11/Ø18x76
8	42,0001,2862	Clamping sleeve case 2,4/Ø19x33
	42,0001,2863	Clamping sleeve case 3,2/Ø19x33
	42,0001,2864	Clamping sleeve case 4,0/Ø19x33
9*	42,0300,2009	Gas nozzle ceramic Ø6,5/Ø24,5x42
	42,0300,2010	Gas nozzle ceramic Ø8/Ø24,5x42
	42,0300,2011	Gas nozzle ceramic Ø9,5/Ø24,5x42

DUTY CYCLE (104°F)

100%	60%	35%
130A	170A	220A

*Thread type



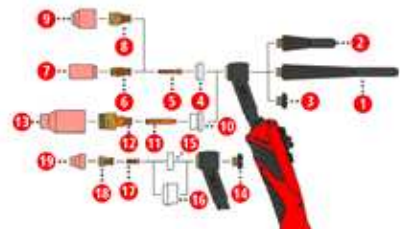
#	Part No.	Description	#	Part No.	Description
	42,0300,2012	Gas nozzle ceramic $\varnothing 11/\varnothing 24,5 \times 42$	16	42,0001,3027	Gas lens big 1,0/ $\varnothing 25,4 \times 50$
	42,0300,2013	Gas nozzle ceramic $\varnothing 12,5/\varnothing 24,5 \times 42$		42,0001,3028	Gas lens big 1,6/ $\varnothing 25,4 \times 50$
	42,0300,2304	Gas nozzle ceramic $\varnothing 19/\varnothing 24,5 \times 42$		42,0001,3029	Gas lens big 2,4/ $\varnothing 25,4 \times 50$
10*	42,0300,2273	Gas nozzle ceramic $\varnothing 8/\varnothing 24 \times 76$		42,0001,3030	Gas lens big 3,2/ $\varnothing 25,4 \times 50$
	42,0300,2826	Gas nozzle ceramic $\varnothing 9,5/\varnothing 24 \times 59$		42,0001,3031	Gas lens big 4,0/ $\varnothing 25,4 \times 50$
	42,0300,2274	Gas nozzle ceramic $\varnothing 9,5/\varnothing 24 \times 76$	17*	42,0300,2247	Gas nozzle ceramic $\varnothing 9,5/\varnothing 30,5 \times 48$
	42,0300,2275	Gas nozzle ceramic $\varnothing 11/\varnothing 24 \times 76$		42,0300,2248	Gas nozzle ceramic $\varnothing 12,5/\varnothing 30,5 \times 48$
11	42,0100,0401	Insulating ring $\varnothing 23/\varnothing 12,3 \times 13,6$		42,0300,2249	Gas nozzle ceramic $\varnothing 16/\varnothing 30,5 \times 48$
12	44,0350,1595	Gas lens 1,0/ $\varnothing 19 \times 50$		42,0300,2250	Gas nozzle ceramic $\varnothing 19/\varnothing 30,5 \times 48$
	44,0350,1362	Gas lens 1,6/ $\varnothing 19 \times 50$			
	44,0350,1363	Gas lens 2,4/ $\varnothing 19 \times 50$			
	44,0350,1364	Gas lens 3,2/ $\varnothing 19 \times 50$			
	44,0350,1365	Gas lens 4,0/ $\varnothing 19 \times 50$			
13*	42,0300,2009	Gas nozzle ceramic $\varnothing 6,5/\varnothing 24,5 \times 42$			
	42,0300,2010	Gas nozzle ceramic $\varnothing 8/\varnothing 24,5 \times 42$			
	42,0300,2011	Gas nozzle ceramic $\varnothing 9,5/\varnothing 24,5 \times 42$			
	42,0300,2012	Gas nozzle ceramic $\varnothing 11/\varnothing 24,5 \times 42$			
	42,0300,2013	Gas nozzle ceramic $\varnothing 12,5/\varnothing 24,5 \times 42$			
	42,0300,2304	Gas nozzle ceramic $\varnothing 19/\varnothing 24,5 \times 42$			
14*	42,0300,2273	Gas nozzle ceramic $\varnothing 8/\varnothing 24 \times 76$			
	42,0300,2826	Gas nozzle ceramic $\varnothing 9,5/\varnothing 24 \times 59$			
	42,0300,2274	Gas nozzle ceramic $\varnothing 9,5/\varnothing 24 \times 76$			
	42,0300,2275	Gas nozzle ceramic $\varnothing 11/\varnothing 24 \times 76$			
15	42,0100,0402	Insulating ring large $\varnothing 30/\varnothing 12,3 \times 15,8$			

*Thread type

GTAW Torches

THP 300i W/UD/26.3' 70° /TRANSTIG 230i / MAGIC WAVE 230i

Part number: Torch whip: 4,051,322
Torch body: 44,0350,4412



#	Part No.	Description
1	44,0350,1495	Torch cap, long
2	44,0350,1496	Torch cap, medium
3	44,0350,1761	Torch cap, short
4	42,0100,0391	Head shield standard $\phi 20/\phi 10, 1 \times 7$
5	42,0001,3000	Clamping sleeve 1,0/ $\phi 4, 5 \times 25$
	42,0001,2571	Clamping sleeve 1,6/ $\phi 4, 5 \times 25$
	42,0001,2572	Clamping sleeve 2,4/ $\phi 4, 5 \times 25$
	42,0001,2573	Clamping sleeve 3,2/ $\phi 4, 5 \times 24, 3$
6	42,0001,2827	Clamping sleeve case 1,0/ $\phi 9, 5 \times 20, 6$
	42,0001,0260	Clamping sleeve case 1,6/ $\phi 9, 5 \times 20, 6$
	42,0001,0261	Clamping sleeve case 2,4/ $\phi 9, 5 \times 20, 6$
	42,0001,0262	Clamping sleeve case 3,2/ $\phi 9, 5 \times 20, 6$
7*	42,0300,0105	Gas nozzle ceramic $\phi 6, 3/\phi 14, 2 \times 29, 5$
	42,0300,0106	Gas nozzle ceramic $\phi 8, 0/\phi 14, 2 \times 29, 5$
	42,0300,0107	Gas nozzle ceramic $\phi 9, 5/\phi 14, 2 \times 29, 5$
	42,0300,0108	Gas nozzle ceramic $\phi 11, 2/\phi 16, 2 \times 29, 5$
	42,0300,0109	Gas nozzle ceramic $\phi 12, 7/\phi 17, 6 \times 29, 5$
	42,0300,0110	Gas nozzles ceramic $\phi 16/\phi 21 \times 30$
8	42,0001,1343	Gas lens 1,0/ $\phi 14 \times 22, 5$
	42,0001,1344	Gas lens 1,6/ $\phi 14 \times 22, 5$
	42,0001,1345	Gas lens 2,4/ $\phi 14 \times 22, 5$
	42,0001,1346	Gas lens 3,2/ $\phi 14 \times 22, 5$

#	Part No.	Description
9	42,0300,0982	Gas nozzle ceramic $\phi 6, 3/\phi 20 \times 25, 5$
	42,0300,0983	Gas nozzle ceramic $\phi 8/\phi 20 \times 25, 5$
	42,0300,0984	Gas nozzle ceramic $\phi 9, 5/\phi 20 \times 25, 5$
	42,0300,2007	Gas nozzle ceramic $\phi 11, 2/\phi 20 \times 25, 5$
	42,0300,2008	Gas nozzle ceramic $\phi 12, 5/\phi 19 \times 25, 5$
10	42,0100,0407	Head shield big $\phi 30/\phi 12, 8 \times 14$
11	42,0001,2826	Clamping sleeve 1,0/ $\phi 5, 3 \times 40, 2$
	42,0001,3001	Clamping sleeve 1,6/ $\phi 5, 3 \times 40, 2$
	42,0001,3008	Clamping sleeve 2,4/ $\phi 5, 3 \times 40, 2$
	42,0001,3009	Clamping sleeve 3,2/ $\phi 5, 3 \times 40, 2$
12	42,0001,3010	Gas lens big 1,0/ $\phi 25, 4 \times 41$

DUTY CYCLE (104°F)

100%	60%	35%
230A / 190A	300A/ 250A	300A/250A

*Thread type



#	Part No.	Description
12	42,0001,3011	Gas lens big 1,6/ø25,4x41
	42,0001,3012	Gas lens big 2,4/ø25,4x41
	42,0001,3013	Gas lens big 3,2/ø25,4x41
13*	42,0300,2247	Gas nozzle ceramic ø9,5/ø30,5x48
	42,0300,2248	Gas nozzle ceramic ø12,5/ø30,5x48
	42,0300,2249	Gas nozzle ceramic ø16/ø30,5x48
	42,0300,2250	Gas nozzle ceramic ø19/ø30,5x48
14	44,0350,1497	Torch cap short
15	42,0100,0387	Head shield short ø12/ø20x6
16	42,0100,0388	Head shield short ø10,1/ø23x16
17	42,0001,3002	Clamping sleeve 1,0/ø3,2x14
	42,0001,3003	Clamping sleeve 1,6/ø3,2x14
	42,0001,3004	Clamping sleeve 2,4/ø4x13,5
18	44,0350,1489	Gas lens 1,0/ø11,5x15
	44,0350,1490	Gas lens 1,6/ø11,5x15
	44,0350,1491	Gas lens 2,4/ø11,5x15
19*	42,0300,2244	Gas nozzle ceramic ø6,5/ø16x16
	42,0300,2245	Gas nozzle ceramic ø8/ø16x16
	42,0300,2246	Gas nozzle ceramic ø9,5/ø16x16

*Thread type

Part number: 4,035,979



#	Part No.	Description
1	44,0350,0336	Torch cap, long
2	44,0350,0337	Torch cap, medium
3	44,0350,0338	Torch cap, short
4	42,0001,1148	Clamping sleeve, .040 (1.0)
	42,0001,1149	Clamping sleeve, 1/16 (1.6)
	42,0001,1150	Clamping sleeve, 3/32 (2.4)
	42,0001,1151	Clamping sleeve, 1/8 (3.2)
5	42,0001,0692	Clamping nut, .040 (1.0)
	42,0001,0693	Clamping nut, 1/16 (1.6)
	42,0001,0694	Clamping nut, 3/32 (2.4)
	42,0001,0695	Clamping nut, 1/8 (3.2)
	42,0001,1671	Clamping nut, 5/32 (4.0)
6	44,0350,1500	Gas lens, .040 (1.0)
	44,0350,1501	Gas lens, 1/16 (1.6)
	44,0350,1460	Gas lens, 3/32 (2.4)
	44,0350,1461	Gas lens, 1/8 (3.2)
7	42,0300,0820	Gas nozzle, size 4 (6.4mm), 8x33
	42,0300,0821	Gas nozzle, size 5 (8 mm), 8x33
		Gas nozzle, size 6 (9.5mm), 8x33
		Gas nozzle, size 7 (11.1mm), 8x33
8	42,0300,0816	Gas nozzle, size 4 (6.4mm), 8x22
	42,0300,0817	Gas nozzle, size 5 (8mm), 8x22
	42,0300,0818	Gas nozzle, size 6 (9.5mm), 8x22
	42,0300,0819	Gas nozzle, size 7 (11.1mm), 8x22

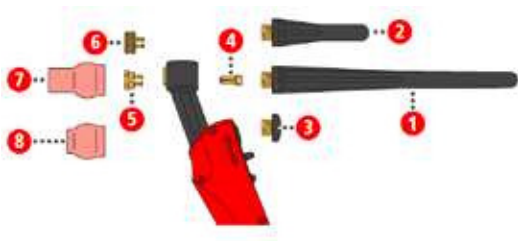
DUTY CYCLE (104°F)			
100%	60%	35%	15%
60A	80A	110A	160A

Part No.	DESCRIPTION
42,0410,1504	Operating instructions
42,0415,0295	Spare parts breakdown
42,0405,0564,R	Torch handle, right
42,0405,0564,L	Torch handle, left
4,070,816,Z	PCB, up/down board
44,0350,2173	Up/Down buttons
43,0004,5357	Data cable, 13' (4m)
34,0350,2106	Torch body, TTG 1600A, F
43,0004,2146	Current cable, 13' (4m)
42,0402,0093	O-ring

TTG 1600A S/B 13' (4M), 45° / ACCUPOCKET STICK

GTAW Torches

Part number: 4,035,862



#	Part No.	Description
1	44,0350,0336	Torch cap, long
2	44,0350,0337	Torch cap, medium
3	44,0350,0338	Torch cap, short
4	42,0001,1148	Clamping sleeve, .040 (1.0)
	42,0001,1149	Clamping sleeve, 1/16 (1.6)
	42,0001,1150	Clamping sleeve, 3/32 (2.4)
	42,0001,1151	Clamping sleeve, 1/8 (3.2)
5	42,0001,0692	Clamping nut, .040 (1.0)
	42,0001,0693	Clamping nut, 1/16 (1.6)
	42,0001,0694	Clamping nut, 3/32 (2.4)
	42,0001,0695	Clamping nut, 1/8 (3.2)
	42,0001,1671	Clamping nut, 5/32 (4.0)
6	44,0350,1500	Gas lens, .040 (1.0)
	44,0350,1501	Gas lens, 1/16 (1.6)
	44,0350,1460	Gas lens, 3/32 (2.4)
	44,0350,1461	Gas lens, 1/8 (3.2)
7	42,0300,0820	Gas nozzle, size 4 (6.4mm), 8x33
	42,0300,0821	Gas nozzle, size 5 (8 mm), 8x33
		Gas nozzle, size 6 (9.5mm), 8x33
		Gas nozzle, size 7 (11.1mm), 8x33
8	42,0300,0816	Gas nozzle, size 4 (6.4mm), 8x22
	42,0300,0817	Gas nozzle, size 5 (8mm), 8x22
	42,0300,0818	Gas nozzle, size 6 (9.5mm), 8x22
	42,0300,0819	Gas nozzle, size 7 (11.1mm), 8x22

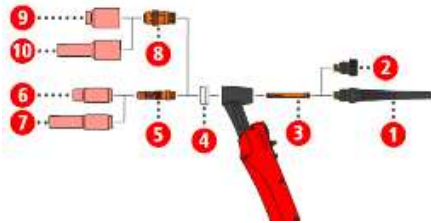
DUTY CYCLE (104°F)			
100%	60%	35%	15%
60A	80A	110A	160A

Part No.	DESCRIPTION
42,0410,1504	Operating instructions
42,0415,0296	Spare parts breakdown
42,0405,0565,R	Torch handle, right
42,0405,0565,L	Torch handle, left
42,0405,0571	Torch gas trigger
34,0350,2105	Current/gas line, 13' (4m)
40,0001,0310	Gas line, ordered per meter
42,0407,0273	Hose clamp

GTAW Torches

TTG 2200P S/B 13' (4M) / TP180 MV, TP180 EXT GAS TIG,
TP2500, TP2500 TIG, TP3500, TP3500 TIG

Part number: 4,035,864,630



#	Part No.	Description
1	44,0350,1597	Torch cap, long
2	44,0350,1596	Torch cap, short
3	42,0001,0284	Clamping sleeve, .040 (1.0)
	42,0001,0285	Clamping sleeve, 1/16 (1.6)
	42,0001,0286	Clamping sleeve, 3/32 (2.4)
	42,0001,0287	Clamping sleeve, 1/18 (3.2)
	42,0001,2577	Clamping sleeve, 5/32 (4.0)
4	42,0100,0408	Head shield, standard
5	42,0001,3032	Clamping nut, .040 (1.0)
	42,0001,3033	Clamping nut, 1/16 (1.6)
	42,0001,3034	Clamping nut, 3/32 (2.4)
	42,0001,3035	Clamping nut, 1/18 (3.2)
	42,0001,3036	Clamping nut, 5/32 (4.0)
6	42,0300,2276	Gas nozzle, #4 (6.4mm), 18x47
	42,0300,2277	Gas nozzle, #5 (8 mm), 18x47
	42,0300,2278	Gas nozzle, #6 (9.5mm), 18x47
	42,0300,2279	Gas nozzle, #7 (11.1mm), 18x47
	42,0300,2280	Gas nozzle, #8 (12.5mm), 18x47
	42,0300,2281	Gas nozzle, #10 (16mm), 18x47
	42,0300,2282	Gas nozzle, #12 (19mm), 23.5x50
7	42,0300,2283	Gas nozzle, #5 (8mm), 18x76
	42,0300,2284	Gas nozzle, #6 (9.5mm), 18x76
	42,0300,2285	Gas nozzle, #7 (11mm), 18x76
8	42,0001,2862	Clamping nut, 3/36 (2.4)
	42,0001,2863	Clamping nut, 1/18 (3.2)
	42,0001,2864	Clamping nut, 5/32 (4.0)

#	Part No.	Description
9	42,0300,2009	Gas nozzle, #4 (6.4mm), 24.5x42
	42,0300,2010	Gas nozzle, #5 (8mm), 24.5x42
	42,0300,2011	Gas nozzle, #6 (9.5mm), 24.5x42
	42,0300,2012	Gas nozzle, #7 (11.1mm), 24.5x42
	42,0300,2013	Gas nozzle, #8 (12.5mm), 24.5x42
	42,0300,2304	Gas nozzle, #12 (19mm), 24.5x42
10	42,0300,2273	Gas nozzle, #5 (8mm), 24x76
	42,0300,2274	Gas nozzle, #6 (9.5mm), 24 x 76
	42,0300,2275	Gas nozzle, #7 (11.1mm), 24x76

DUTY CYCLE (104°F)

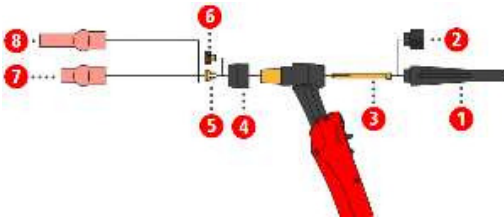
100%	60%	35%	15%
90A	110A	150A	220A

Part No.	Description
42,0410,1504	Operating instructions
42,0415,0295	Spare parts breakdown
42,0405,0565,R	Torch handle, right
42,0405,0565,L	Torch handle, left
42,070,816,Z	PCB, up/down board
34,0350,2105	Torch head
44,0350,1712	Current/gas line, 13 ft (4m)
40,0001,0310	Gas line, per meter
42,0407,0273	Hose clamp

TTG 2200A F/UD/13' (4M) / TP180 TIG

GTAW Torches

Part number: 4,035,989



#	Part No.	Description
1	44,0350,0170	Torch cap, long
2	44,0350,0171	Torch cap, short
3	42,0001,0697	Clamping sleeve, .040 (1.0)
	42,0001,0698	Clamping sleeve, 1/16 (1.6)
	42,0001,0699	Clamping sleeve, 3/32 (2.4)
	42,0001,0700	Clamping sleeve, 1/8 (3.2)
	42,0001,0701	Clamping sleeve, 5/32 (4.0)
4	42,0402,0222	Head shield, standard
5	42,0001,0692	Clamping nut, .040 (1.0)
	42,0001,0693	Clamping nut, 1/16 (1.6)
	42,0001,0694	Clamping nut, 3/32 (2.4)
	42,0001,0695	Clamping nut, 1/8 (3.2)
	42,0001,0696	Clamping nut, 5/32 (4.0)
6	44,0350,1500	Gas lens, .040 (1.0)
	44,0350,1501	Gas lens, 1/16 (1.6)
	44,0350,1460	Gas lens, 3/32 (2.4)
	44,0350,1461	Gas lens, 1/8 (3.2)
7	42,0300,0672	Gas Nozzle, #4 (6.5 mm), 21x44
	42,0300,0461	Gas nozzle, #5 (8 mm), 21x44
	42,0300,0462	Gas nozzle, #6 (9.5mm), 21x44
7	42,0300,0463	Gas nozzle, #7 (11.1mm), 21x44
	42,0300,0464	Gas nozzle, #8 (12.5mm), 21x44
	42,0300,0465	Gas nozzle, #10 (16mm), 21x44
	42,0300,0466	Gas nozzle, #11 (18mm), 21x44
8	42,0300,1120	Gas nozzle, #4 (6.5mm), 20.8x63
	42,0300,1121	Gas nozzle, #5 (8mm), 20.8x63
	42,0300,1122	Gas nozzle, #6 (9.5mm), 20.8x63
	42,0300,1123	Gas nozzle, #7 (11mm), 20.8x63

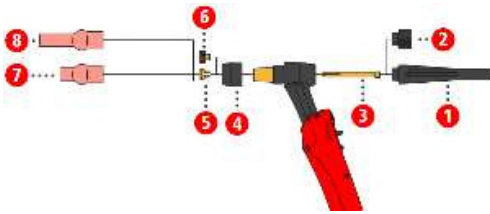
DUTY CYCLE (104°F)			
	100%	60%	35%
DC	130A	170A	220A
AC	100A	130A	180A

Part No.	Description
42,0410,984	Operating instructions
42,0415,0227	Spare parts breakdown
42,0405,0393,R	Torch handle, right
42,0405,0393,L	Torch handle, left
42,070,816,Z	PCB, up/down board
43,0004,2404	Data cable, 13.1' (4m)
34,0350,2108	Torch body
44,0350,2185	Current line, 13.1' (4m)
44,0350,2173	Up/Down buttons

GTAW Torches

TTG 2200P F/UD/26' (8M) / TRANSTIG 2200 JOB,
AIR-COOLED.

Part number: 4,035,712,630



#	Part No.	Description
1	44,0350,0170	Torch cap, long
2	44,0350,0171	Torch cap, short
3	42,0001,0697	Clamping sleeve, .040 (1.0)
	42,0001,0698	Clamping sleeve, 1/16 (1.6)
	42,0001,0699	Clamping sleeve, 3/32 (2.4)
	42,0001,0700	Clamping sleeve, 1/18 (3.2)
	42,0001,0701	Clamping sleeve, 5/32 (4.0)
4	42,0100,0222	Head shield, standard
5	42,0001,0692	Clamping nut, .040 (1.0)
	42,0001,0693	Clamping nut, 1/16 (1.6)
	42,0001,0694	Clamping nut, 3/32 (2.4)
	42,0001,0695	Clamping nut, 1/18 (3.2)
	42,0001,0696	Clamping nut, 5/32 (4.0)
6	44,0350,1500	Gas lense, .040 (1.0)
	44,0350,1501	Gas lense, 1/16 (1.6)
	44,0350,1460	Gas lense, 3/32 (2.4)
	44,0350,1461	Gas lense, 1/18 (3.2)
7	42,0300,0672	Gas nozzle, #4 (6.5), 21x44
	42,0300,0461	Gas nozzle, #5 (8.0), 21x44
	42,0300,0462	Gas nozzle, #6 (9.5), 21x44
	42,0300,0463	Gas nozzle, #7 (11), 21x44
	42,0300,0464	Gas nozzle, #8 (13), 21x44
	42,0300,0465	Gas nozzle, #9 (14), 21x44
	42,0300,0466	Gas nozzle, #10 (16), 21x44
	42,0300,0467	Gas nozzle, #11 (18), 21x44
8	42,0300,1120	Gas nozzle, #4 (6.5), 20.8x63
	42,0300,1121	Gas nozzle, #5 (8.0), 20.8x63
	42,0300,1122	Gas nozzle, #6 (9.5), 20.8x63
	42,0300,1123	Gas nozzle, #7 (11.1), 20.8x63

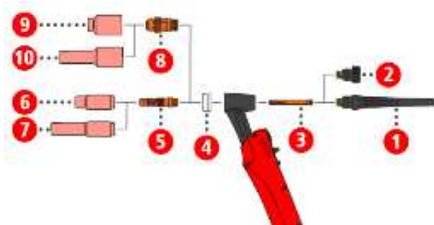
DUTY CYCLE (104°F)			
	100%	60%	35%
DC	130A	170A	220A
AC	100A	130A	180A

Part No.	Description
42,0410,0984	Operating Instructions
42,0415,0230	Spare parts breakdown
42,0405,0393,R	Torch handle, right
42,0405,0393,L	Torch handle, left
4,070,816,Z	PCB, up/down board
43,0004,2405	Data cable, 26.2' (8m)
34,0350,2113	Torch body
44,0350,2185	Current line, 26.2' (8m)
44,0350,2173	Up/Down buttons

TTW 3000P F/UD/26' (8M) / TRANSTIG 2200, TRANSTIG 3000C WC, MAGICWAVE 2200 JOB WC

GTAW Torches

Part number: 4,035,759,630



#	Part No.	Description
1	44,0350,1495	Torch cap, long
2	44,0350,1496	Torch cap, medium
3	44,0350,1761	Torch cap, short
4	42,0100,0391	Insulation ring, standard
5	42,0001,3000	Clamping sleeve, 0.40 (1.0)
	42,0001,2571	Clamping sleeve, 1/16 (1.6)
	42,0001,2572	Clamping sleeve, 3/32 (2.4)
	42,0001,2573	Clamping sleeve, 1/18 (3.2)
6	42,0007,2827	Clamping nut, .040 (1.0)
	42,0001,0260	Clamping nut, 1/16 (1.6)
	42,0001,0261	Clamping nut, 3/32 (2.4)
	42,0001,0262	Clamping nut, 1/18 (3.2)
7	42,0300,0105	Gas nozzle, #4 (6.4), 14x29
	42,0300,0106	Gas nozzle, #5 (8), 14x29
	42,0300,0107	Gas nozzle, #6 (9.5), 14x29
	42,0300,0108	Gas nozzle, #7 (11.1), 14x29
	42,0300,0109	Gas nozzle, #8 (12.5), 14x29
	42,0300,0110	Gas nozzle, #10 (16), 14x29
8	42,0001,1343	Gas lense, .040 (1.0)
	42,0001,1344	Gas lense, 1/16 (1.6)
	42,0001,1345	Gas lense, 3/32 (2.4)
	42,0001,1346	Gas lense, 1/18 (3.2)
9	42,0300,0982	Gas nozzle, #4 (6.4), 20x25
	42,0300,0983	Gas nozzle, #5 (8), 20x25
	42,0300,0984	Gas nozzle, #6 (9.5), 20x25
	42,0300,2007	Gas nozzle, #7 (11.1), 20x25
	42,0300,2008	Gas Nozzle, #8 (12.5), 20x25

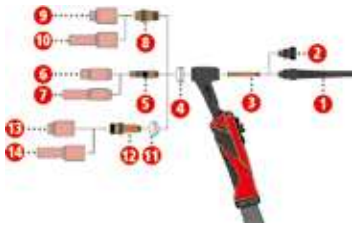
	DUTY CYCLE (104°F)		
	100%	60%	35%
DC	100A	130A	180A
AC	130A	170A	220A

Part No.	Description
42,0410,0984	Operating instructions
42,0415,0230	Spare parts breakdown
42,0405,0393,R	Torch handle, right
42,0405,0393,L	Torch handle, left
42,070,816,Z	PCB, up/down board
34,0350,210	Torch body
44,0350,2187	Current line, 26' (8m)
44,0350,2173	Up/Down buttons
42,0407,0245	Hose-clamps (gas/water)
40,0001,0166	Water line, ordered per meter
42,0001,2363	Quick Connect, water

GTAW Torches

TTB 220P G ML /70°/L50 / THP 180 G SH ML/F/UD/LE/8M
TRANSTIG 170 / TRANSTIG 210

Part number: 44,0350,5461



#	Part No.	Description
1	44,0350,1597	Torch cap, long
2	44,0350,1596	Torch cap, short
3	42,0001,0284	Clamping sleeve, .040 (1.0)
	42,0001,0285	Clamping sleeve, 1/16 (1.6)
	42,0001,0286	Clamping sleeve, 3/32 (2.4)
	42,0001,0287	Clamping sleeve, 1/8 (3.2)
	42,0001,2577	Clamping sleeve, 5/32 (4.0)
4	42,0100,0408	Head shield, standard
5	42,0001,3032	Clamping sleeve case, .040 (1.0)
	42,0001,3033	Clamping sleeve case, 1/16 (1.6)
	42,0001,3034	Clamping sleeve case, 3/32 (2.4)
	42,0001,3035	Clamping sleeve case, 1/8 (3.2)
	42,0001,3036	Clamping sleeve case, 5/32 (4.0)
6*	42,0300,2276	Gas nozzle ceramic ø6.5/ø18x47
	42,0300,2277	Gas nozzle ceramic ø8/ø18x47
	42,0300,2278	Gas nozzle ceramic ø9.5/ø18x47
	42,0300,2279	Gas nozzle ceramic ø11/ø18x47
	42,0300,2280	Gas nozzle ceramic ø12.5/ø18x47
	42,0300,2281	Gas nozzle ceramic ø16/ø20.5x47
	42,0300,2282	Gas nozzle ceramic ø19,5 ø23.5x50
7*	42,0300,2283	Gas nozzle ceramic ø8/ø18x76
	42,0300,2284	Gas nozzle ceramic ø9.5/ø18x76
	42,0300,2285	Gas nozzle ceramic ø11/ø18x76
11	42,0100,0401	Insulating ring ø23/ø12.3x13.6
#	Part No.	Gas lens Standard
12	44,0350,1595	Gas lense, .040 (1.0)
	44,0350,1362	Gas lense, 1/16 (1.6)
	44,0350,1363	Gas lense, 3/32 (2.4)
	44,0350,1364	Gas lense, 1/8 (3.2)
	44,0350,1365	Gas lense, 4.0

DUTY CYCLE (104°F)			
	100%	60%	35%
DC	100A	130A	180A

#	Part No.	Description
13*	42,0300,2009	Gas nozzle ceramic ø6.5 ø24.5x42
	42,0300,2010	Gas nozzle ceramic ø8 ø24.5x42
	42,0300,2011	Gas nozzle ceramic ø9.5 ø24x42
	42,0300,2012	Gas nozzle ceramic ø11 ø24x42
	42,0300,2013	Gas nozzle ceramic ø12.5 ø24x42
	42,0300,2304	Gas nozzle ceramic ø19/ø24,5x42
14*	42,0300,2273	Gas nozzle ceramic ø8/ ø24x76
	42,0300,2826	Gas nozzle ceramic ø9.5/ø24x59
	42,0300,2274	Gas nozzle ceramic ø9.5/ø24x76
	42,0300,2275	Gas nozzle ceramic ø11/ø24x76

Part No.	Description
42,0410,2545	Operating Instructions
42,1400,0066,R	Torch handle, right
42,1400,0066,L	Torch handle, left
4,071,652,Z	PCB, up/down board
43,0004,0250	Data cable, 26.2' (8m)
44,0350,5461	Torch body
44,0350,0250	Current line, 26.2' (8m)
44,0350,0363	Up/Down buttons

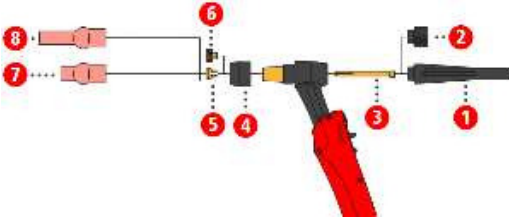
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<https://spareparts.fronius.com/>

* Thread-type

**TTW 4000P F/UD/26' (8M) / TRANSTIG 4000C WC,
MAGICWAVE 4000WC**

GTAW Torches

Part number: 4,035,779,630



#	Part No.	Description
1	44,0350,0170	Torch cap, long
2	44,0350,0171	Torch cap, short
3	42,0001,0697	Clamping sleeve, .040 (1.0)
	42,0001,0698	Clamping sleeve, 1/16 (1.6)
	42,0001,0699	Clamping sleeve, 3/32 (2.4)
	42,0001,0700	Clamping sleeve, 1/18 (3.2)
	42,0001,0701	Clamping Sleeve, 5/32 (4.0)
4	42,0402,0222	Head Shield, standard
5	42,0001,0692	Clamping nut, .040 (1.0)
	42,0001,0693	Clamping nut, 1/16 (1.6)
	42,0001,0694	Clamping nut, 3/32 (2.4)
	42,0001,0695	Clamping nut, 1/18 (3.2)
	42,0001,0696	Clamping nut, 5/32 (4.0)
6	44,0350,1500	Gas Lense, .040 (1.0)
	44,0350,1501	Gas Lense, 1/16 (1.6)
	44,0350,1460	Gas Lense, 3/32 (2.4)
	44,0350,1461	Gas Lense, 1/18 (3.2)
7	42,0300,0672	Gas nozzle, #4 (6.5), 21x44
	42,0300,0461	Gas nozzle, #5 (8.0), 21x44
	42,0300,0462	Gas nozzle, #6 (9.5), 21x44
	42,0300,0463	Gas nozzle, #7 (11), 21x44
	42,0300,0464	Gas Nozzle, #8 (13), 21x44
	42,0300,0465	Gas Nozzle, #9 (14), 21x44
	42,0300,0466	Gas Nozzle, #10 (16), 21x44
	42,0300,0467	Gas Nozzle, #11 (18), 21x44
8	42,0300,1120	Gas Nozzle, #4 (6.5), 20.8x63
	42,0300,1121	Gas Nozzle, #5 (8.0), 20.8x63
	42,0300,1122	Gas Nozzle, #6 (9.5), 20.8x63
	42,0300,1123	Gas Nozzle, #7 (11.1), 20.8x63

	DUTY CYCLE (104°F)		
	100%	60%	35%
AC	100A	130A	180A
DC	130A	170A	220A

Part No.	Description
42,0410,0984	Operating Instructions
42,0415,0235	Spare parts breakdown
42,0405,0393,R	Torch handle, right
42,0405,0393,L	Torch handle, left
4,070,816,Z	PCB, up/down board
43,0004,2405	Data cable, 26.2' (8m)
34,0350,2122	Torch body
44,0350,2189	Current line, 26.2' (8m)
44,0350,2173	Up/Down buttons
42,0407,0245	Hose-clamps (gas/water)
40,0001,0166	Water line, orderd permeter
42,0001,2363	Quick Connect, water



Protective Equipment & Accessories



/ WELDING HELMETS

/ WELDING TABLES





*Compatible with TPS/i 320 - 600 (from sn 29200502 and 4,067,101 NFC/BLE/WIFI 24 inside (firmware version 2.0.1), MagicWave230i and TransTIG 230i

VIZOR CONNECT

Pre-darkening bluetooth welding helmet

- / Bluetooth connection*
- / True Color view
- / Panorama field of view
- / Automated shade level (5 to 12)
- / Lithium-polymer battery can be charged via USB-C cable, supported by solar cells
- / Shade level 2.5 in passive mode
- / Grind mode

Part number:

42,0510,0312 Vizor Connect

MSRP: \$673.55



FAZOR 1000 Plus*

Autodarkening welding helmet

- / Permanent protection from UV / IR radiation
- / Continuous shade-level settings (9 to 13)
- / Dark-to-light delay
- / Sensitivity controller
- / Battery-change for LC display
- / Total weight 1.09 lb

Part number:

42,0510,0110 - Fazor 1000 Plus

MSRP: \$261.00

FRONIUS VIZOR 4000 Professional*

WELDING HELMET

/ Sensor slide: detection angle of ambient light from 80° to 60°

/ Auto mode, SL 5 to SL 13

/ Grinding mode, remains light (protection level 4)

/ Protection level: SL 5-9 and SL 9-13

/ Sensitivity controller

/ Real color display

/ Soft Delay



Part number:

42,0510,0197 Vizer 4000 Professional

MSRP: \$560.00

ACCESSORIES

Part No.	Description	MSRP
42,0510,0020	Vizer chest protection	\$42.66
42,0510,0100	Inside cover lens for Vizer Pro, Plus and Fazor: shade level 1,0 (5 pcs/set)	\$14.04
42,0510,0101	Inside cover lens for Vizer Pro, Plus and Fazor: shade level 1,5 (5 pcs/set)	\$14.04
42,0510,0102	Inside cover lens for Vizer Pro, Plus and Fazor: shade level 2,0 (5 pcs/set)	\$14.04
42,0510,0317	Front cover lens for Vizer Connect (5 pcs/set)	\$47.24
42,0510,0315	Inside cover lens Vizer connect (5 pcs per set)	\$18.90
42,0510,0322	Inside cover lens Vizer connect 1.00 diopter	\$44.55
42,0510,0323	Inside cover lens Vizer connect 1.50 diopter	\$44.55
42,0510,0324	Inside cover lens Vizer Connect 2.00 diopter	\$44.55
42,0510,0325	Inside cover lens Vizer Connect 2.50 diopter	\$44.55
42,0510,0336	Inside cover lens Vizer Connect shade level 1.0 (5pcs per set)	\$62.00
42,0510,0345	Inside cover lens Vizer Connect shade level 2.0 (5pcs per set)	\$62.00

WEAR PARTS VIZOR / FAZOR / VIZOR CONNECT

Part No.	Description	MSRP
42,0510,0111	Cover lens Fazor (2 pcs per set) 1 pk	\$8.44
42,0510,0112	Cover lens Fazor (5 pcs per set) 1 pk	\$16.20
42,0510, 0018	Head band Vizer/Fazor/ Vizer Connect (2 pcs per set)	\$7.02
42,0510,0113	Cartridge Fazor 1000 Plus	\$184.00
42,0510,0200	Comfort band (headband back)	\$8.84
42,0510,0326	Headband complete Vizer connect /Grind Mask	\$36.45
42,0510,0327	USB-C cable Vizer Connect (2 pcs per set)	\$12.02
42,0510,0329	USB-C cover cap Vizer Connect (2 pcs per set)	\$3.51

ACCESSORIES

**WELDING JACKET BASIC**

BASIC WELDING JACKET BY BIZWELD

- / Flame retardant
- / All day welding protection and confort
- / Secure stud fasteners'
- / Chest pockets
- / Cocealed mobile phone pocket
- / Fabric: Bizweld 330g, 100% cotton with a flame resistant finish

Part number:

42,0440,0235 - Welding Jacket Basic

MSRP: \$54.00

**WELDING TABLE BASIC**

SMALL WELDING TABLE

- / Compact design, 35.43" x 19"
- / 10 mm thick steel plate
- / Durable base frame
- / Integrated grate (8.8" x 9.8" x 0.39")
- / Removable slag tray (14.9" x 5.9" x 2.3")
- / 2 storage compartments
- / Fully assembled
- / Optional workpiece holder, mountable on both sides

Part number:**MSRP**

4,001,794 - Welding table Basic	\$837.00
4,001,793 - Workpiece bracket	\$338.00

Options



/ HARDWARE
/ SOFTWARE
/ FEEDER



Software options		TPS 270I	MSRP
Part No	Description		
4,066,014	Welding process LSC	•	\$1,902.00
4,066,015	Welding process PMC	•	\$1,307.00
4,066,016	Welding process CMT	•	\$5,374.00

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/Fronius USA, Perfect Welding



/ Perfect Welding / Solar Energy / Perfect Charging

THREE BUSINESS UNITS, ONE GOAL: TO SET THE STANDARD THROUGH TECHNOLOGICAL ADVANCEMENT.

What began in 1945 as a one-man operation now sets technological standards in the fields of welding technology, photovoltaics and battery charging. Today, the company has around 3,800 employees worldwide and 1,242 patents for product development show the innovative spirit within the company. Sustainable development means for us to implement environmentally relevant and social aspects equally with economic factors. Our goal has remained constant throughout: to be the innovation leader.

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v08 Aug 2017 EN