

RAILTECH BOUTET WELDING EQUIPMENT CATALOG 2008



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WELDING MATERIALS: STANDARD WELDS

BOUTET FIELD WELD SET

- 1 EA. ONE-SHOT CRUCIBLE
- 1 PR. PREFABRICATED MOLD
- 1 EA. WELDING CHARGE

ITEM

| | |
|------------|-----------------------|
| 5502558540 | CJ WELD SET 85 |
| 5502559020 | CJ WELD SET 90 RA |
| 5502559030 | CJ WELD SET 90 RB |
| 5502551020 | CJ WELD SET 100 RA |
| 5502551025 | CJ WELD SET 100 RE |
| 5502551030 | CJ WELD SET 100 RB |
| 5502551035 | CJ WELD SET 100 NW |
| 5525510551 | CJ WELD SET 105 CRANE |
| 5502551100 | CJ WELD SET 110 |
| 5502551150 | CJ WELD SET 115 |
| 5525511525 | CJ WELD SET 115 1/4 |
| 5525511537 | CJ WELD SET 115 3/8 |
| 5502551190 | CJ WELD SET 119 |
| 5502551270 | CJ WELD SET 127 |
| 5502551320 | CJ WELD SET 132 |
| 5525513225 | CJ WELD SET 132 1/4 |
| 5525513237 | CJ WELD SET 132 3/8 |
| 5502551330 | CJ WELD SET 133 |
| 5525513337 | CJ WELD SET 133 3/8 |
| 5502551360 | CJ WELD SET 136 |
| 5502551400 | CJ WELD SET 140 |
| 5502551410 | CJ WELD SET 141 |
| 5502551550 | CJ WELD SET 155 |

BOUTET FIELD WELD KIT

- 1 EA. ONE-SHOT CRUCIBLE
- 1 PR. PREFABRICATED MOLD
- 1 EA. WELDING CHARGE
- 1 BG. PREMIXED PACKING SAND

ITEM

| | |
|------------|-----------------------|
| 6602558540 | CJ WELD KIT 85 |
| 6602559020 | CJ WELD KIT 90 RA |
| 6602559030 | CJ WELD KIT 90 RB |
| 6602551020 | CJ WELD KIT 100 RA |
| 6602551025 | CJ WELD KIT 100 RE |
| 6602551030 | CJ WELD KIT 100 RB |
| 6602551035 | CJ WELD KIT 100 NW |
| 6625510551 | CJ WELD KIT 105 CRANE |
| 6602551100 | CJ WELD KIT 110 |
| 6602551150 | CJ WELD KIT 115 |
| 6625511525 | CJ WELD KIT 115 1/4 |
| 6625511537 | CJ WELD KIT 115 3/8 |
| 6602551190 | CJ WELD KIT 119 |
| 6602551270 | CJ WELD KIT 127 |
| 6602551320 | CJ WELD KIT 132 |
| 6625513225 | CJ WELD KIT 132 1/4 |
| 6625513237 | CJ WELD KIT 132 3/8 |
| 6602551330 | CJ WELD KIT 133 |
| 6625513337 | CJ WELD KIT 133 3/8 |
| 6602551360 | CJ WELD KIT 136 |
| 6602551400 | CJ WELD KIT 140 |
| 6602551410 | CJ WELD KIT 141 |
| 6602551550 | CJ WELD KIT 155 |

WELDING MATERIALS: COMPROMISE WELDS

BOUTET FIELD WELD SET

1 EA. ONE-SHOT CRUCIBLE

1 PR. PREFABRICATED MOLD

1 EA. WELDING CHARGE

| | | | |
|------------|------------------------------|------------|----------------------------|
| 5510090201 | CJ COMP. SET 100/90 RA LEFT | 5513213225 | CJ COMP. SET 132/132 1/4 |
| 5510090202 | CJ COMP. SET 100/90 RA RIGHT | 5513213237 | CJ COMP. SET 132/132 3/8 |
| 5510090301 | CJ COMP. SET 100/90 RB LEFT | 5513311501 | CJ COMP. SET 133/115 LEFT |
| 5510090302 | CJ COMP. SET 100/90 RB RIGHT | 5513311502 | CJ COMP. SET 133/115 RIGHT |
| 5510010035 | CJ COMP. SET 100/100 NW | 5513313325 | CJ COMP. SET 133/133 1/4 |
| 5511090201 | CJ COMP. SET 110/90 RA LEFT | 5513611501 | CJ COMP. SET 136/115 LEFT |
| 5511090202 | CJ COMP. SET 110/90 RA RIGHT | 5513611502 | CJ COMP. SET 136/115 RIGHT |
| 5511590201 | CJ COMP. SET 115/90 RA LEFT | 5513611901 | CJ COMP. SET 136/119 LEFT |
| 5511590202 | CJ COMP. SET 115/90 RA RIGHT | 5513611902 | CJ COMP. SET 136/119 RIGHT |
| 5511510020 | CJ COMP. SET 115/100 RA | 5513612200 | CJ COMP. SET 136/122 |
| 5511510025 | CJ COMP. SET 115/100 RE | 5513613200 | CJ COMP. SET 136/132 |
| 5511510030 | CJ COMP. SET 115/100 RB | 5513613300 | CJ COMP. SET 136/133 |
| 5511510035 | CJ COMP. SET 115/100 NW | 5513613625 | CJ COMP. SET 136/136 1/4 |
| 5511511525 | CJ COMP SET 115/115 1/4 | 5513613637 | CJ COMP. SET 136/136 3/8 |
| 5511511537 | CJ COMP SET 115/115 3/8 | 5514011901 | CJ COMP. SET 140/119 LEFT |
| 5511911001 | CJ COMP. SET 119/110 LEFT | 5514011902 | CJ COMP. SET 140/119 RIGHT |
| 5511911002 | CJ COMP. SET 119/110 RIGHT | 5514012700 | CJ COMP. SET 140/127 |
| 5511911500 | CJ COMP. SET 119/115 | 5514113200 | CJ COMP. SET 141/132 |
| 5512711501 | CJ COMP. SET 127/115 LEFT | 5514113300 | CJ COMP. SET 141/133 |
| 5512711502 | CJ COMP. SET 127/115 RIGHT | 5514113325 | CJ COMP. SET 141/133 1/4 |
| 5513211501 | CJ COMP. SET 132/115 LEFT | 5514113625 | CJ COMP. SET 141/136 1/4 |
| 5513211502 | CJ COMP. SET 132/115 RIGHT | 5515514000 | CJ COMP. SET 155/140 |
| 5513212200 | CJ COMP. SET 132/122 | | |
| 5513212700 | CJ COMP. SET 132/127 | | |

WELDING MATERIALS: COMPROMISE WELDS (CONT'D)

BOUTET FIELD WELD KIT

1 EA. ONE-SHOT CRUCIBLE

1 PR. PREFABRICATED MOLD

1 EA. WELDING CHARGE

1 BG. PREMIXED PACKING SAND

| | | | |
|------------|------------------------------|------------|----------------------------|
| 6610090201 | CJ COMP. KIT 100/90 RA LEFT | 6613213237 | CJ COMP. KIT 132/132 3/8 |
| 6610090202 | CJ COMP. KIT 100/90 RA RIGHT | 6613311501 | CJ COMP. KIT 133/115 LEFT |
| 6610090301 | CJ COMP. KIT 100/90 RB LEFT | 6613311502 | CJ COMP. KIT 133/115 RIGHT |
| 6610090302 | CJ COMP. KIT 100/90 RB RIGHT | 6613313325 | CJ COMP KIT 133/133 1/4 |
| 6610010035 | CJ COMP. KIT 100/100 NW | 6613611501 | CJ COMP. KIT 136/115 LEFT |
| 6611090201 | CJ COMP. KIT 110/90 RA LEFT | 6613611502 | CJ COMP. KIT 136/115 RIGHT |
| 6611090202 | CJ COMP. KIT 110/90 RA RIGHT | 6613611901 | CJ COMP. KIT 136/119 LEFT |
| 6611590201 | CJ COMP. KIT 115/90 RA LEFT | 6613611902 | CJ COMP. KIT 136/119 RIGHT |
| 6611590202 | CJ COMP. KIT 115/90 RA RIGHT | 6613612200 | CJ COMP. KIT 136/122 |
| 6611510020 | CJ COMP. KIT 115/100 RA | 6613613200 | CJ COMP. KIT 136/132 |
| 6611510025 | CJ COMP. KIT 115/100 RE | 6613613300 | CJ COMP. KIT 136/133 |
| 6611510030 | CJ COMP. KIT 115/100 RB | 6613613625 | CJ COMP. KIT 136/136 1/4 |
| 6611510035 | CJ COMP. KIT 115/100 NW | 6613613637 | CJ COMP. KIT 136/136 3/8 |
| 6611511525 | CJ COMP KIT 115/115 1/4 | 6614011901 | CJ COMP. KIT 140/119 LEFT |
| 6611511537 | CJ COMP KIT 115/115 3/8 | 6614011902 | CJ COMP. KIT 140/119 RIGHT |
| 6611911001 | CJ COMP. KIT 119/110 LEFT | 6614012700 | CJ COMP. KIT 140/127 |
| 6611911002 | CJ COMP. KIT 119/110 RIGHT | 6614113200 | CJ COMP KIT 141/132 |
| 6611911500 | CJ COMP. KIT 119/115 | 6614113300 | CJ COMP KIT 141/133 |
| 6612711501 | CJ COMP. KIT 127/115 LEFT | 6614113325 | CJ COMP KIT 141/133 1/4 |
| 6612711502 | CJ COMP. KIT 127/115 RIGHT | 6614113625 | CJ COMP KIT 141/136 1/4 |
| 6613211501 | CJ COMP. KIT 132/115 LEFT | 6615514000 | CJ COMP. KIT 155/140 |
| 6613211502 | CJ COMP KIT 132/115 RIGHT | | |
| 6613212200 | CJ COMP. KIT 132/122 | | |
| 6613212700 | CJ COMP. KIT 132/127 | | |
| 6613213225 | CJ COMP. KIT 132/132 1/4 | | |

WELDING MATERIALS: WIDE GAP WELDS

| | |
|------------|------------------------|
| 5550311500 | CJ WELD SET 115 3" WGW |
| 5550311900 | CJ WELD SET 119 3" WGW |
| 5550313200 | CJ WELD SET 132 3" WGW |
| 5550313300 | CJ WELD SET 133 3" WGW |
| 5550313600 | CJ WELD SET 136 3" WGW |
| 6660311500 | CJ WELD KIT 115 3" WGW |
| 6660311900 | CJ WELD KIT 119 3" WGW |
| 6660313200 | CJ WELD KIT 132 3" WGW |
| 6660313300 | CJ WELD KIT 133 3" WGW |
| 6660313600 | CJ WELD KIT 136 3" WGW |

HYDRAULIC PREHEATER PARTS (REPAIR)

| | |
|------------|---|
| HP-DB-1 | DRIVE BELT |
| HP-14SEL | 1/4" STREET EL (BRASS) |
| HP-34SEL45 | 3/4" STREET EL (45?) |
| HP-015PSI | 0-15 PSI GUAGE |
| HP-ACV | ADJUSTABLE CARTRIDGE VALVE |
| HP-AP50 | 50' AIR/PROPANE HOSE (3/4" AIR x 3/8" PROPANE) |
| HP-PLUG | PLUG |
| HP-SPI-1 | SPARK PROBE IGNITOR |
| HP-PSEB | PROPANE SWIRVEL ELBOW w/ BUSHING |
| HP-FE-1 | AIR FILTER ELEMENT |
| HP-PT | PROPANE TEE |

HARDWARE FOR CJ WELDS

| Item # | | API | RAILTECH ALIGNMENT PLATES |
|------------|---------------------------------------|------------|--------------------------------|
| 04085105 | BASE PLATE 85-105# | 26100000 | TORCH STAND |
| 04107140 | BASE PLATE 107-141# | 26110000 | PREHEATING BURNER STAND (NEW) |
| 04155000 | BASE PLATE 155# | 0781-0087 | OXY-PROPANE REGULATORS |
| 04310140 | BASE PLATE 110-140# 3" WGW | RM-375-50 | OXY-PROPANE HOSE 50' x 3/8" |
| 32200000 | BASE PLATE 85-141# COMP. W/ 4 FIXINGS | RCV-2002 | FLASHBACK ARRESTORS |
| 03085105 | MOLD JACKET 85-105# | ET-1011 | IN-LINE GUAGES |
| 03110140 | MOLD JACKET 110-141# | 32100000 | CJ FILTERING SYSTEM |
| 03155000 | MOLD JACKET 155# | 32200000 | CJ FILTER |
| 03310140 | MOLD JACKET 110-140# 3" WGW | 33230000 | PACKING FELT (BOX OF 30 BANDS) |
| 32110140 | MOLD JACKET UNIVERSAL COMP. | 36000000 | RAIL ALIGNER; A-FRAME |
| 5556100002 | CJ ONE-SHOT CRUCIBLE | 36200000 | STRAIGHT EDGE; MAGNETIC |
| 5557100002 | CJ FORK | STD 51292 | TAPER GUAGE |
| 5559100003 | UNIVERSAL DEMOLDER | 36300000 | COOLING RETARDER CAP |
| 10100000 | SLAG BASIN | 80100000 | UMBRELLA - 8' |
| 11100000 | MOLD CLAMP | 6661-008B | ALIGNMENT WEDGE - LG. GRADE B |
| 13100000 | REFRACTORY PASTE | 22900000 | HYDRAULIC PREHEATER COMPLETE |
| 14100000 | HOT CUT CHISEL | 22500000 | HYDRAULIC PREHEATER |
| 15100008 | PREMIXED PACKING SAND 8# | 22600000 | HYDRAULIC TORCH |
| 15100010 | PREMIXED PACKING SAND 10# | 22700000 | AIR-PROPANE HOSE - 50' |
| 17100000 | IGNTORS | 22800000 | FLEX HOSE - 20' |
| 19100000 | WEDGE | TS-450F | TEMPIL STICK-450F |
| 25410000 | VICTOR TORCH W/ FLAT HEAD | TS-700F | TEMPIL STICK-700F |
| 0382-0015 | VICTOR TORCH HANDLE | 5558100002 | PLUG PLIER |

RAILTECH ALIGNMENT PLATES



The Railtech Alignment Plates allow the welder to accurately align the rails through lift, twist, and horizontal adjustment. The towers allow the rail to move vertically and reduce twist, while the base of the rail sits on the rail-saddle to stabilize and adjust by shifting horizontally.

Part Number: AP1

Railtech Straight Edge



The Magnetic Straight Edge allows the welder to align the weld with ease as well as crown the rails to the desired height. The magnet located at the end of the straight edge provides improved control and stability during the alignment process.

Part Number: 36200000

STRAIGHT EDGE PARTS (REPAIR)

| | | | |
|-------|-------------------------|-------|-------------------------|
| SE-1 | ADJUSTING SCREW KNOB | SE-12 | THREADED NUT |
| SE-2 | STEEL STRIP | SE-13 | CONNECTOR FLANGE |
| SE-3 | REINFORCING CLIP | SE-14 | HM6X25 BOLT |
| SE-4 | DISTANCE SLEEVE | SE-15 | GROWER WASHER 6MM |
| SE-5 | M6X10 SCREW | SE-16 | MAGNET |
| SE-6 | AXIS | SE-17 | LABEL |
| SE-7 | MECANINDUS PIN 4X35 | SE-18 | MAGNET SUPPORT |
| SE-8 | M6 NYLSTOP NUT | SE-19 | ADJUSTING SCREW SUPPORT |
| SE-9 | MECANINDUS PIN 4X15 | SE-20 | MECANINDUS PIN 4X30 |
| SE-10 | ADHESIVE LABEL (INCHES) | SE-21 | MECANINDUS PIN 5X12 |
| SE-11 | THREADED SCREW | | |



Railtech A-Frame Rail Aligners



The A-Frame aligners allow for exact alignment of the rails to be welded. To ensure the best alignment, both rails can be lifted, moved horizontally and rolled to eliminate twist in a quick, reliable way. The A-Frame aligners are designed for easy lifting, carrying and operation.

Part Number: 36000000

RAIL ALIGNER PARTS (REPAIR)

| | | | |
|-------|---------------------------------|-------|-------------------------------------|
| RA-1 | FLEX HEAD SOCKET WRENCH | RA-21 | CLAMPING JAW |
| RA-2 | SHUNTING NUT SET | RA-22 | SPRING N8 |
| RA-3 | MALE CAP | RA-23 | SELF CUTTING SCREW CHC M6X10 |
| RA-4 | SELF CUTTING SCREW CHC M6X10 | RA-24 | CONNECTING ROD CENTRAL AXLE |
| RA-5 | SPRING N11 | RA-25 | SHUNTING CONNECTING ROD AXLE |
| RA-6 | PIN V4X25 | RA-26 | CLAMPING JAW CAP |
| RA-7 | MAINTAINING CONNECTING ROD AXLE | RA-27 | MECANINDUS PIN 5X35 |
| RA-8 | MAINTAINING CONNECTING ROD | RA-28 | ADJUSTING SCREW |
| RA-9 | MECANINDUS PIN 3X40 | RA-29 | 2 TENONS NUT |
| RA-10 | SPRING N8 | RA-30 | ADJUSTING SCREW SET (# 26-27-28-29) |
| RA-11 | PIN V4X25 | RA-31 | INCLINING BLOCK |
| RA-12 | SHUNTING CONNECTING ROD | RA-32 | MECANINDUS PIN 5X25 |
| RA-13 | JOINTED FLANGE | RA-33 | INCLINING SCREW |
| RA-14 | MECANINDUS PIN 5X35 | RA-34 | 2 TENONS NUT |
| RA-15 | MECANINDUS PIN 8X35 | RA-35 | INCLINING SCREW SET (# 31-32-33-34) |
| RA-16 | RIVET | RA-36 | SHOULDERED AXLE M12 |
| RA-17 | WASHER LL6 | RA-37 | NYLSTOP NUT M12 |
| RA-18 | BEARING STUD AXZ 8X20X354 | RA-38 | SINGLE COIL SPRING LOCK WASHER 12.2 |
| RA-19 | FLANGE w/ INSERT | | |
| RA-20 | DESCENT GUIDE | | |





Smith Preheating & Welding Equipment

| Part # | Description |
|--------------------|---|
| RCV-2002SM | Smith Flashback Arrestors (set) |
| 0781-0087SM | Smith Regulators HB1500 Series (Oxy/Propane set) |
| 0781-0088SM | Smith Regulator HB1522B-510 (Propane) |
| 0781-0089SM | Smith Regulator HB1510A-540 (Oxygen) |
| DG209SM | Smith 90° Cutting Torch Attachment |
| SC50-5SM | Smith Cutting Tip |
| 0382-0015SM | Smith Torch Handle WH200 |
| 2541-0000SM | Smith Torch Tip (Specs. By Railtech, built by Smith) |



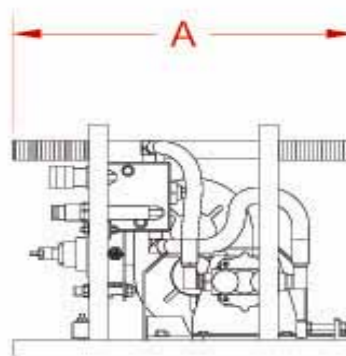
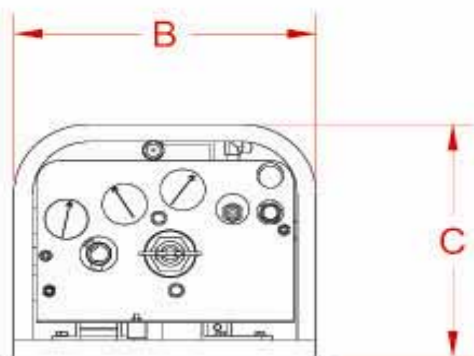
RAILTECH

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03800B RAIL PRE-HEATER

The Rail Pre-heater is a light weight and easy to use tool for heating rail ends before they are welded together. It features a hydraulically driven blower and uses bottled propane gas. It is designed to be safe and economical to use.

This product is proprietary to Railtech Boutet, Inc.
US patent no. 6,460,536B2



| FLOW | PRESSURE | DIMENSIONS | WEIGHT |
|--------------------|--------------------|---|--------------------|
| 10 gpm (38 lpm) | 2000 PSI (140 BAR) | A - 18" (457 mm) B - 16" (406 mm) C - 13-1/2" (343mm) | 83 lbs. (33 kg) |
| | RPM 3400 | | |

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RAILTECH reserves the right to change parts, features, or specifications without notice.