

Wt-22 and Wt-23 Compact Machine Torches

WT-22A



These compact size torches are available in both water cooled and air cooled models. While physically the smallest of the machine torches they share many important features with the larger models.

- Front or rear loading of the tungsten electrode. No need to raise or move the torch assembly to load or remove the electrode. The electrode withdraws with the shaft assembly when removed from the rear.
- Tightening of the electrode is made with the large shaft knob at the rear of the torch assembly, or by removing nozzle at front end.

- The 14" Model B is ideal for mounting wire feed guides, arc controls or cameras.
- A good selection of front end parts are available including three sizes of gas lens collet bodies. The gas lens insures protection of the critical weld zone by eliminating turbulence in the shielding gas flow. The gas lens also allows greater electrode stick-out for access to tight areas.
- Both models are available with hose and cable assemblies of 3 ft., 12 1/2 ft. or 25 ft. lengths.
- All accessories and spare parts are interchangeable with the popular 9.20 series hand torches.

ORDERING INFORMATION

WT-22A 260 Amps

Water Cooled Torch Package - 7" Long

WT-22A-3	7" Torch body assembly, barrel, shaft assembly, insulating boot, 3 ft. power cable and hose assembly, power block bracket and cable cover.
WT-22A-12	7" Torch body assembly, barrel, shaft assembly, insulating boot, 12 1/2 ft. power cable and hose assembly.
WT-22A-25	7" Torch body assembly, barrel, shaft assembly, insulating boot, 25 ft. power cable and hose assembly. Order cable cover to protect cable and hose assembly.

WT-22B 260 Amps

Water Cooled Torch Package - 14" Long

WT-22B-3	14" Torch body assembly, barrel, shaft assembly, insulating boot, 3 ft. power cable and hose assembly, power block bracket and cable cover.
WT-22B-12	14" Torch body assembly, barrel, shaft assembly, insulating boot, 12 1/2 ft. power cable and hose assembly.
WT-22B-25	14" Torch body assembly, barrel, shaft assembly, insulating boot, 25 ft. power cable and hose assembly. Order cable cover to protect cable and hose assembly.

Bracket Assembly Option

28-18	Water Cooled Torches
28-18B	Air Cooled Torches

Accessory Kit: AK-920 collet, collet body ³/₃₂, gas lens ³/₃₂, gas lens gasket, 3 alumina nozzles #6, #7, #8; tungsten electrode ³/₃₂.

Additional items such as power cable adapters or hook-up kits may be required to complete your torch set-up.

WT-23A 130 Amps

Air Cooled Torch Package - 7" Long

WT-23A-3	7" Torch body assembly, barrel, shaft assembly, insulating boot, 3 ft. power cable assembly.
WT-23A-12	7" Torch body assembly, barrel, shaft assembly, insulating boot, 12 1/2 ft. power cable assembly.
WT-23A-25	7" Torch body assembly, barrel, shaft assembly, insulating boot, 25 ft. power cable assembly.

WT-23B 130 Amps

Air Cooled Torch Package - 14" Long

WT-23B-3	14" Torch body assembly, barrel, shaft assembly, insulating boot, 3 ft. power cable assembly.
WT-23B-12	14" Torch body assembly, barrel, shaft assembly, insulating boot, 12 1/2 ft. power cable assembly.
WT-23B-25	14" Torch body assembly, barrel, shaft assembly, insulating boot, 25 ft. power cable assembly.

WT-22, WT-23 MACHINE TORCH SPECIFICATIONS

Maximum Capacity, Water-cooled (ac-dcsp)	260 AMPS
Air-cooled (ac-dcsp)	130 AMPS
Barrel Diameter	1" (2.5cm)
Overall Length	Model A - 7 ⁷ / ₁₆ " (18.9cm) Model B - 14 ⁷ / ₁₆ " (36.7cm)

Tungsten Capacity (All models)	.020" through 1/8"
Maximum Tungsten Length	Model A - 7" (17.8cm) Model B - 14" (35.6cm)
Cooling Requirements (Water-cooled models)	1 Qt./min. (1 L/min)

For more information contact your local welding supply distributor.

WeldTec®

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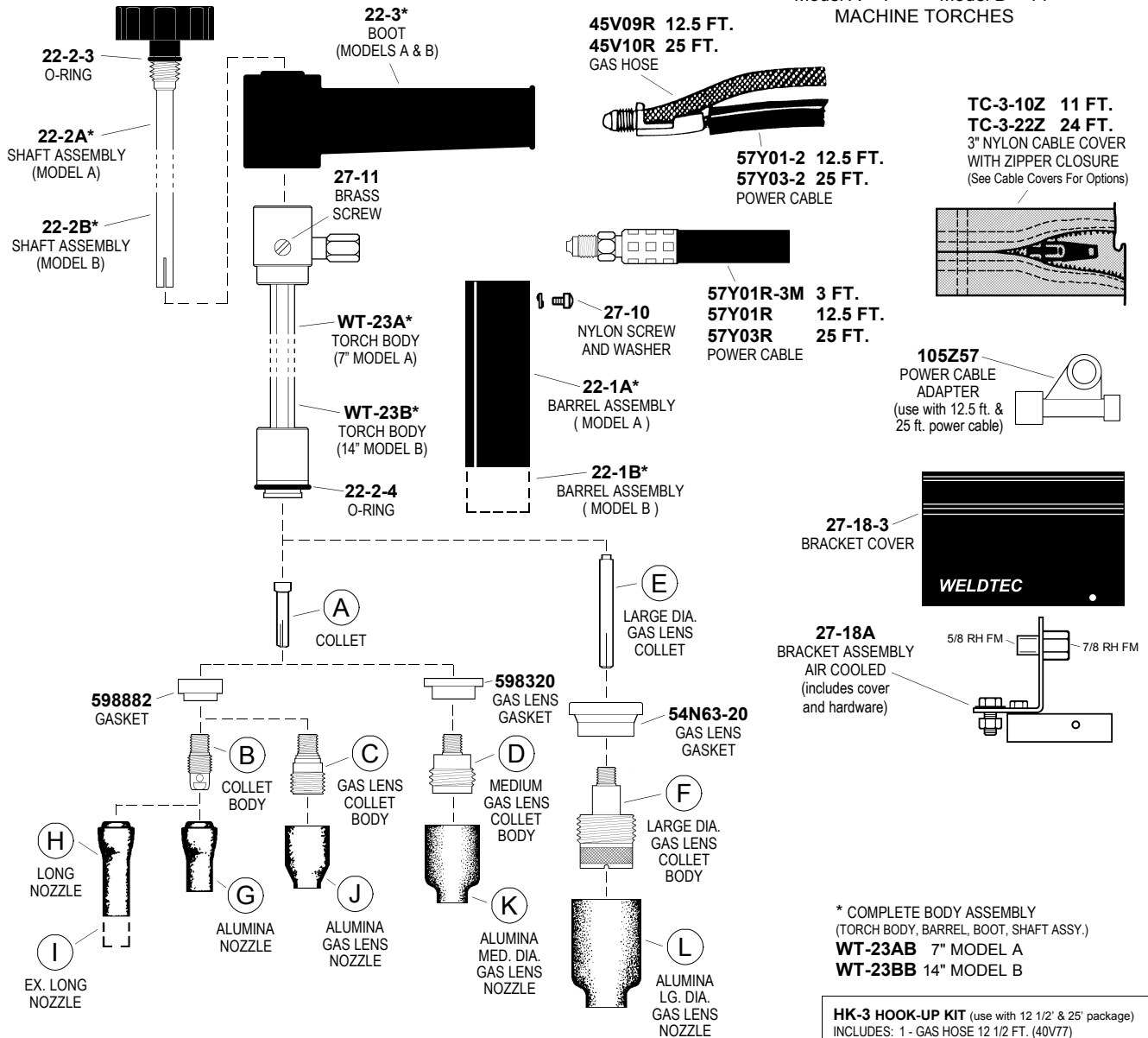
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REPLACEMENT PARTS

WT-23

AIR COOLED • 130 AMPS

Model A = 7" Model B = 14"
MACHINE TORCHES



* COMPLETE BODY ASSEMBLY
(TORCH BODY, BARREL, BOOT, SHAFT ASSY.)
WT-23AB 7" MODEL A
WT-23BB 14" MODEL B

HK-3 HOOK-UP KIT (use with 12 1/2' & 25' package)
INCLUDES: 1 - GAS HOSE 12 1/2 FT. (40V77)
1 - GAS HOSE 18 IN. (40V77-18)

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COLLETS • COLLET BODIES • GAS LENS

ITEM	ELECTRODE DIAMETER	.020 0,5	.040 1,0	1/16 1,6	3/32 2,4
A	COLLET	13N20	13N21	13N22	13N23
B	COLLET BODY	13N25	13N26	13N27	13N28
C	GAS LENS	45V41	45V42	45V43	45V44
D	MED. DIA. GAS LENS	—	45V34SW	45V35SW	45V36SW
E	LG. DIA GAS LENS COLLET	13N20L	13N21L	13N22L	13N23L
F	LG. DIA GAS LENS	45V0204S		45V116S	45V64S

GAS NOZZLES

ITEM	NO. SIZE	3 3/16"	4 1/4"	5 5/16"	6 3/8"	7 7/16"	8 1/2"	10 5/8"	11 11/16"	12 3/4"
G	ALUMINA	—	13N08	13N09	13N10	13N11	13N12	13N13	—	—
H	LONG 17/8"	796F70A	796F71A	796F72A	796F73A	—	—	—	—	—
I	EX. LONG 2 1/2"	796F74A	796F75A	796F76A	796F77A	—	—	—	—	—
J	ALUMINA GAS LENS	—	53N58	53N59	53N60	53N61	53N61S	—	—	—
K	ALUMINA MED. DIA. GAS LENS	—	—	—	54N16SW	54N15SW	54N14SW	54N12SW	54N19	—
L	ALUMINA LG. DIA. GAS LENS	—	—	—	57N75	—	57N74	53N88	—	53N87*

* #15 53N89 15/16" ID X 1 7/8" Long