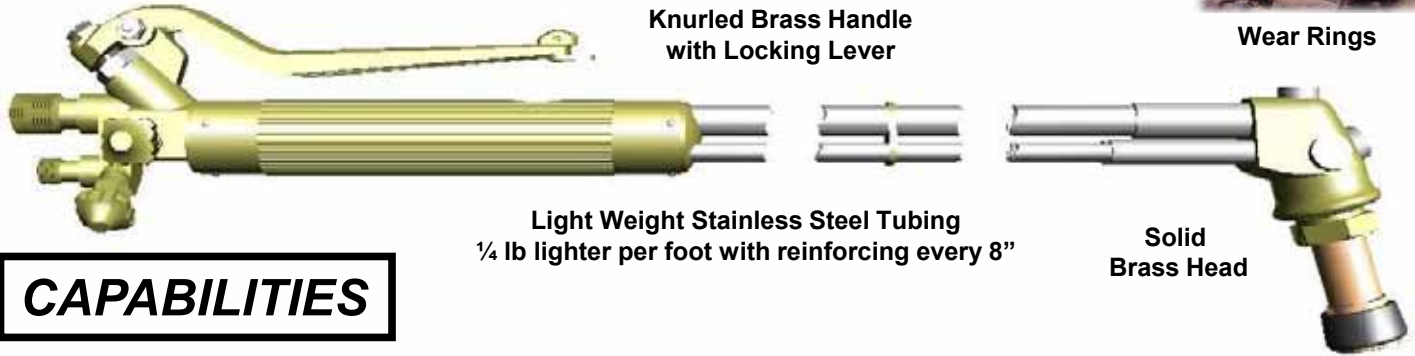




THE BEST CUTTING STINGER
IN THE INDUSTRY



**9500 – HEAVY DUTY
HAND SCARFING TORCH &
CUTTING UP-TO 36”**



Knurled Brass Handle
with Locking Lever

Wear Rings

Light Weight Stainless Steel Tubing
¼ lb lighter per foot with reinforcing every 8”

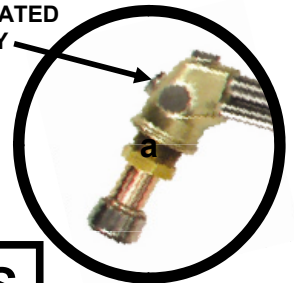
Solid
Brass Head

CAPABILITIES

Flame Tech® “9500S” Heavy Duty Hand Scarfing Torch. This torch, when using the new TRI-METAL scarfing nozzle, is ideal for operations where wide, shallow passes are required in order to remove cracks, seams, or other defects in steel slabs, ingots.

- Scarfing path width – 2 ½” through 3 3/8” width
- Uses “Flame Tech “TRI-METAL” Nozzles
- Single lever actuated torch control
- Uses common “C” ½” cutting oxygen supply and “B” 3/8” size fuel and preheat oxygen supply to minimize the hose requirements.
- Cutting up to 36” when using BM96 cutting nozzles (see Bi-Metal chart next page)

STRATEGICALLY LOCATED
HARDENED ALLOY
WEAR INSERTS



TORCH FEATURES

- Solid Bronze Head
- Heavy Duty Nozzle Mixing Torch
- Three Stainless Tubes in Triangular Format
- Uses Flame Tech “TRI-METAL” Designed Nozzles
- Light Weight Multi-Task Torch

TORCH BENEFITS

- Safety first - Reduced Flashback
- Maximum Strength, Greater Rigidity
- Low Maintenance, Longer Lasting
- Multi Functional for Several Applications

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
954275	Hand Scarfing 42” 75 Degree Head for Alternative Fuel Gas
954875	Hand Scarfing 48” 75 Degree Head for Alternative Fuel Gas
9542WF	Hand Scarfing With Wire Feed 42” 75 Degree Head for Alternative Fuel Gas
9548WF	Hand Scarfing With Wire Feed 48” 75 Degree Head for Alternative Fuel Gas

The 95 torch is available with or without rod feed and is available longer than 48”

FLAME TECHNOLOGIES, INC.

03/05

703 Cypress Creek • Cedar Park, TX 78613
Phone (512) 219-8481 • Fax (512) 219-8477

90 & 95 SERIES "BI & TRI-METAL" TIP-MIX CUTTING NOZZLES



**HOSE & REGULATOR
REQUIREMENTS**

Oxygen 1/2" CGA "C"
 Fuel Gas 3/8" CGA "B"
 Preheat Oxygen 3/8" CGA "B"

When cutting above 20" use 1/2" ID hose.
 Oxygen supply and oxygen regulator must be capable of flows on cutting tip chart shown below.



Bi-Metal

**"BI & TRI METAL"
SEAT MIXING CUTTING NOZZLE**

← Brass seat for longer life and better structural integrity!! Brass increases quality over copper in the drilling of the seat mixer. →

← Copper barrel for better transferring and dissipating of heat away from the cutting zone! →

Stainless wear ring for longer life →



Tri-Metal

CAUTION
 ALWAYS USE
FLASH BACK ARRESTORS
 (purchased separately)



90 SERIES NOZZLE SERIES				GAS PRESSURE - PSIG			GAS CONSUMPTION - CFH	
SIZE	BI-METAL PART#	TRI-METAL PART#	METAL THICKNESS	CUTTING OXYGEN	PRE-HEAT OXYGEN	FUEL GAS	CUTTING OXYGEN	FUEL GAS
24	BM90-24	TM90-24	18-24	25-45	25-50	13-25	2200-3400	80-160
30	BM90-30	TM90-30	24-30	20-40	25-50	13-25	2200-3800	80-160
36	BM90-36	TM90-36	30-36	20-40	25-50	13-25	2300-4400	80-160
48	BM90-48	TM90-48	36-48	15-35	25-50	13-25	2400-5000	80-160

95 TRI-METAL NOZZELSERIES			CUTTING OXYGEN		NATURAL GAS	
SIZE	PART #	SCARFING PATH WIDTH	PRESSURE (PSIG)	FLOW (CFH)	PRESSURE (PSIG)	FLOW (CFH)
62	TMS95-62	2 1/4 x 3 3/8	20	4300	5	40