



SCORPIONTM BY FLAMETECH CUTTING TORCHES

THE BEST CUTTING
STINGER IN THE INDUSTRY

7500- HEAVY DUTY HAND CUTTING TORCH UP TO 18" OF CUTTING



CAPABILITIES

The New Flame Tech® "7500" Hand Cutting Torch is a heavy duty torch designed for rugged environments. This torch, when using Flame Tech's Scrapper or Airco Series cutting tips, is ideal for heavy cutting in scrap yards and steel mill operations. This heavy duty torch when using these tips can hand cut up to 18" of steel.

- Can be used with any Fuel Gas
- Single lever actuated torch control
- Uses common "B" size oxygen supply and "B" size fuel supply to minimize the hose and regulator requirements



Uses Flame Tech® "A"
Scrapper Tips or Any AIRCO
Series Tips with any Fuel Gas

TORCH FEATURES

- Solid Forged Bronze Head
- Heavy Duty Nozzle Mixing Torch
- Three Stainless Tubes in Triangular Format
- Uses Flame Tech® "BI-METAL" Designed Nozzles
- Light Weight Multi-Tasking Torch

BENEFITS

- Safety First – Reduced Flashback
- Maximum Strength, Greater Rigidity
- Low Maintenance, Longer Lasting
- Ease of operation

EXAMPLE ORDERING INFORMATION

Part # Description
7548-70 = 75 indicates the torch series you are ordering
7548-70 = 48 indicates the length of the torch you are ordering (48" long)
7548-70 = 70 indicates the degree of the head (70, 90, or 180)
Torches available in 21,27,36,48,60,72,96,120, Custom lengths available contact Flame Tech @ (800)749-3682



Flame Tech® Always
Recommends Using Flash
Arrestors See Flame Tech
Catalog Section, Check
Valves & Flash Arrestors

SCORPIONTM

BY FLAMETECH

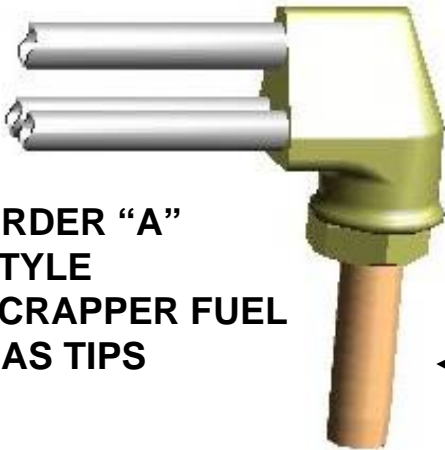
CUTTING TORCHES

THE BEST CUTTING
STINGER IN THE INDUSTRY

THE TIP MAKES A DIFFERENCE



7500 SERIES
TORCHES
USE
ANY FUEL
GAS



ORDER "A"
STYLE
SCRAPPER FUEL
GAS TIPS

CONSIDER CHOSING THE SAFEST TORCH
ON THE MARKET TODAY

SOLID BRONZE FORGED HEAD
NO MIXING OF GASES IN THE
TORCH TUBES OR HEAD

ALL THE MIXING IS DONE IN THE TIP

SEE THE DIFFERENCE YOURSELF
WITH FLAME TECH'S FAMOUS
"SCRAPPER" CUTTING TIPS

THICK SHELL FLANGE



TRIANGULAR SEAT FOR MIXING
PREHEAT AND FUEL GASES

SOLID COPPER SHELLS MACHINED FROM
SOLID COPPER BAR STOCK.
LASTS 3 X LONGER.

LARGER DIAMETER PREHEATS
DECREASE PREHEAT TIME,
MAINTAINS THE CUT ON PAINTED
AND RUSTY PLATE.

COARSE "V" INTERNAL SPLINES, WHICH ARE
IDEAL FOR CUTTING RUSTY, SCALY PAINTED
PLATE BY HAND. THE COARSE SPLINE DOES NOT CLOG EASILY
AND CAN BE CLEANED WITH A POCKET KNIFE.

TIP CUTTING CHART

METAL THICKNESS INCHES	TIP SIZE		OXYGEN		FUEL GAS PSI	* SPEED IPM	KERF WIDTH IPM
	TIP NO.	DRILL SIZE	CUTTING PSI	PREHEAT PSI			
1/8	5/0	74	20-30	5-9	2-5	18-26	.035
3/16	4/0	71	30-40	5-9	2-5	18-25	.04
1/4	000	68	30-40	5-9	3-5	17-24	.05
3/8	00	64	35-45	5-10	3-5	17-23	.06
1/2	00½	62	35-45	5-10	3-6	16-22	.065
5/8	0	60	35-45	5-10	3-6	15-20	.07
3/4	0½	58	35-50	5-10	3-6	15-19	.075
1	1	56	35-50	5-10	3-6	14-18	.08
1½	1½	54	40-55	10-17	4-8	12-16	.09
2	2	52	40-55	10-17	4-8	10-14	.10
2½	2½	50	40-55	10-17	5-9	9-13	.105
3	3	48	45-60	10-17	6-10	8-11	.11
4	4	44	50-65	10-17	6-10	7-10	.13
6	5	39	60-75	10-17	8-12	5-8	.15
8	6	31	60-85	30-43	9-15	4-6	.19
10	7	28	30-60	30-43	9-15	3-5	.22
12	8	25	25-55	30-43	9-15	3-4	.24
14	9	19	25-55	30-43	9-15	2-3	.26
15	10	13	25-50	30-43	10-18	2-3	.34
16	11	9	25-50	30-43	10-18	1½-2½	.37
18	12	5	25-45	30-43	10-18	1-2	.40

* NOTE: IF USING PROPYLENE OR MPS GAS, USE HIGH SIDE RANGE OF THIS CHART. IF USING NATURAL GAS USE LOW SIDE OF RANGE.

FLAME TECHNOLOGIES, INC.

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