



PORTABLES &
GAS APPARATUS

IK - 12 **N**EXT

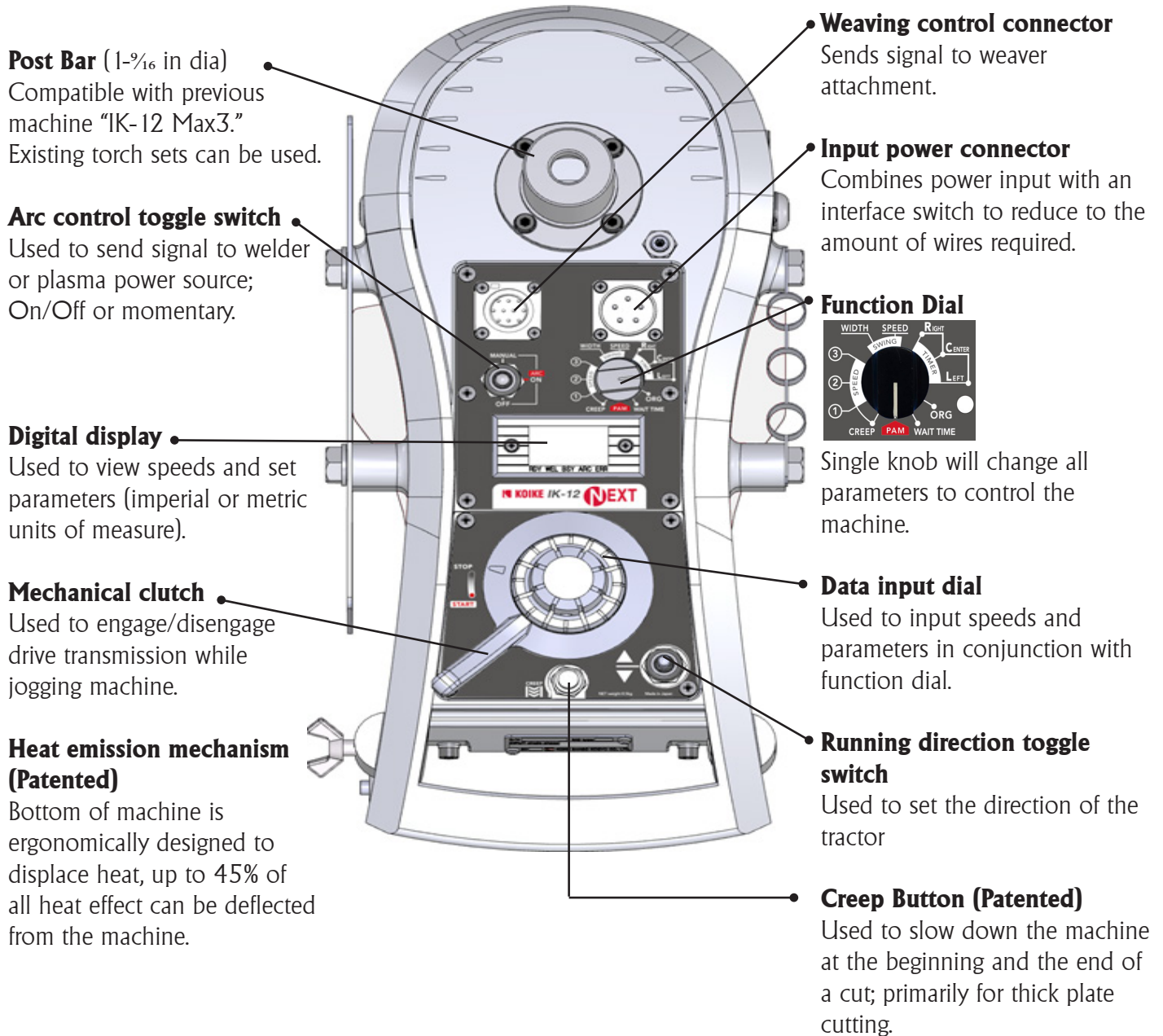
PORTABLE WELDING & GAS/PLASMA CUTTING MACHINE



SIMPLY BETTER BUILT.



Newly equipped with welding and plasma cutting capabilities



IK-12 NEXT Machine Kits

Oxy-fuel cutting torch set

MODELS DESCRIPTIONS	PART#
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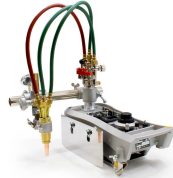
Standard one torch unit; commonly used for plate stripping or performing compound bevel work.

S-100 Set Acetylene Kit S-100 Set LPG Kit

NEXTS100102
NEXTS100106

Each kit includes:

- (1) IK-12 NEXT Unit 20506283
- (1) S-100 Torch Set w/ Snap Valve BCG25001
- (1) 6 ft Rail ZM30400
- (3) Cutting Tips Sizes 0, 1, 2 ZTIP102# OR ZTIP106#
- (1) Safety-Z Coupling Set ZA3232260



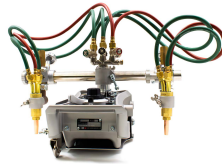
Standard two torch unit; dual torch head commonly used for plate stripping or performing compound bevel work.

S-200 Set Acetylene Kit S-200 Set LPG Kit

NEXTS200102
NEXTS200106

Each kit includes:

- (1) IK-12 NEXT Unit 20506283
- (1) S-200 (2) Torch Set ZA4052018
- (1) 6 ft Rail ZM30400
- (3) Cutting Tips Sizes 0, 1, 2 ZTIP102# OR ZTIP106#
- (1) Safety-Z Coupling Set ZA3232260



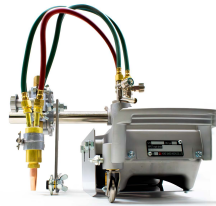
One torch unit with mechanical torch height control. Also allows same functions as above but includes a plate tracking system used to maintain accurate plate distance from workpiece and allows for more accurate beveling.

SP-100 Set Acetylene Kit SP-100 Set LPG Kit

NEXTSP100102
NEXTSP100106

Each kit includes:

- (1) IK-12 NEXT Unit 20506283
- (1) SP-100 (1) Torch Set ZA4052019
- (1) 6 ft Rail ZM30400
- (3) Cutting Tips Sizes 0, 1, 2 ZTIP102# OR ZTIP106#
- (1) Safety-Z Coupling Set ZA3232260



MODELS DESCRIPTIONS	PART#
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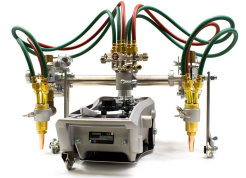
Two torch unit with mechanical torch height control on each torch unit. Allows same functions as S-200 but includes a plate tracking system used to maintain accurate plate distance from workpiece. Allows for more accurate beveling.

SP-200 Set Acetylene Kit SP-200 Set LPG Kit

NEXT2P200102
NEXTSP200106

Each kit includes:

- (1) IK-12 NEXT Unit 20506283
- (1) SP-200 (2) Torch Set ZA4052020
- (1) 6 ft Rail ZM30400
- (3) Cutting Tips Sizes 0, 1, 2 ZTIP102# OR ZTIP106#
- (1) Safety-Z Coupling Set ZA3232260



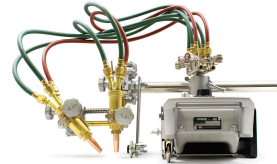
Two torch unit with mechanical torch height control on a single tracking system. Commonly used for V-grooves or plate edge beveling; maintains angle of two torches for accurate Y & X bevel cuts.

SP-300 Set Acetylene Kit SP-300 Set LPG Kit

NEXTSP300102
NEXTSP300106

Each kit includes:

- (1) IK-12 NEXT Unit 20506283
- (1) SP-300 (2) Torch Set ZA4052021
- (1) 6 ft Rail ZM30400
- (3) Cutting Tips Sizes 0, 1, 2 ZTIP102# OR ZTIP106#
- (1) Safety-Z Coupling Set ZA3232260



Heavy duty torch designed to cut up to 10 in (2540mm) plate thickness or where a large stand-off is needed.

300L Torch Kit

300LKIT

1/2 - 12 in (3-300mm)
with 100 series tips

NEXT300L102
NEXT300L106

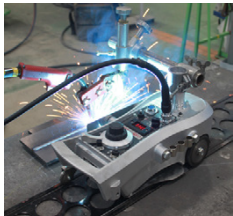


Welding

Torch set for butt welding

A type welding holder set

is a single torch clamp that will give torch angle and tilt in all directions.



- Allows torch to tilt +/- 45° for easy and accurate positioning.

NEXTWELD - WELDING KIT

Requires Welding Mfg. remote pendant)

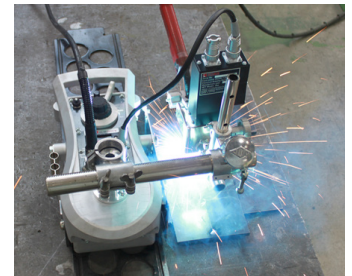
Each kit includes:

- (1) Machine Unit 20506283
- (1) Welding torch holder kit ZA4404110
- (1) 6 ft Rail ZM30400

NEXTWEAVE - WEAVING KIT

Each kit includes:

- 1 - 20506283 Machine Unit
- 1 - 20511065 Weaving/Welding Kit
- 1 - ZM30400 - 6 ft. rail



Plasma cutting

IK-12 NEXT has arc stabilization inside, which allows for programmable piercing.

Plasma holder set

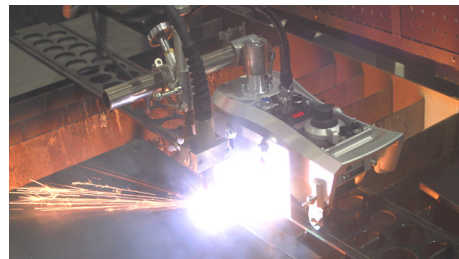
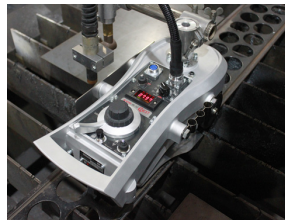
Allows torch to tilt +/- 45° for easy and accurate positioning.

NEXTP - Plasma Kit

(Customer must provide plasma unit)

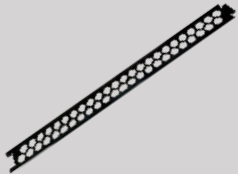
Each kit includes:

- (1) Machine Unit 20506283
- (1) Plasma torch holder kit 20511063
- (1) 6 ft Rail ZM30400



Accessories

Optional Accessories



Standard rail 6 ft (1800mm)
Part#ZM30400

- Extendable 6 ft (1800mm) rail
- Built of special steel to ensure longevity
- Easy connection/no tools needed



Circle cutting rail

Part#BCD19109

- Cutting diameter:
 - Inside: \varnothing 1- $\frac{1}{16}$ - 14- $\frac{3}{16}$ in (40-360mm)
 - Outside: 30- $\frac{3}{16}$ - 45- $\frac{1}{4}$ in (770-1150 mm) with standard length cross bar.
- Counter weight recommended



Heavy-duty heat resistant rail 6 ft (1800mm)
Part#ZS30407

- Extendable, robust structure rail that does not bend.
- Recommended when cutting thick plate over 2 in (150mm)



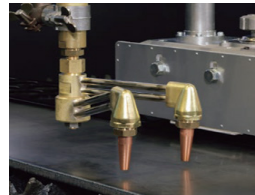
Circle cutting attachment
Part#ZS31858

- Cutting diameter \varnothing 15- $\frac{3}{4}$ to 94- $\frac{1}{2}$ in (400-2400mm)



Vertical slide bar
Part#ZS30390 (6in); ZS30430 (10in); ZS30433 (16in)

- Extends torch up/down stroke, used when cutting from the side of plate.



Twin torch attachment
Part#ZA3312001

- Enables 2-torch parallel cutting by attaching to a torch.
- Torch distance 1- $\frac{1}{16}$ - 11- $\frac{1}{16}$ in (30-300mm)



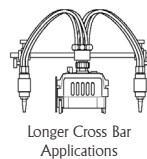
Snap Valve
Part#SNAPVALVEI: 1 torch
Part#SNAPVALVEII: 2 torches
Part#SNAPVALVEV: 300L Torch

- Single action gas on/off
- 2 models; single or two torches



Extended post bar
Part#60032374

- 11.8 in (300mm) long stand
- Allows torch head to raise above machine



Longer Cross Bar Applications

Cross Bars	Part#	
13.7 in (350mm)	ZS30300	
19.6 in (500mm)	ZS30321	
31.5 in (800mm)	ZS30424	
47.4 in (1200mm)	ZS30426	
98.4 in (2500mm)	ZS30429	



Torch bevel attachment
Part#3311001

- Accurate bevel cutting with angle indicator
- Cuts bevel without tilting the torch



Koike Aronson, Inc.

P.O. Box 307, Arcade, NY 14009

Phone (585) 492-2400 Fax (585) 457-3517

www.koike.com

IK-12 NEXT 06/19 KENG