

UNISPEED USFL 90/37 ES

Code: UNISUSFL9037ES

FLARING

POSSIBILITY TO RECALL
PREVIOUSLY SET RECIPES



UNISPEED USFL 90/37 ECO

Code: UNISUSFL9037ECO

FLARING



UNISPEED USFL 90/37 EL 6/90

Code: UNISFL9037EL690

FLARING

UP TO 90 MM OD



MAIN FEATURES



Touch-screen
electronic control

USFL 90/37 ES



Possibility to obtain
any flaring diameter
and thickness

USFL 90/37 ES
USFL 90/37 ECO



Ideal for
volume production

USFL 90/37 ES



Automated tools
lubrication system by
means of a dedicated unit

USFL 90/37 ES
USFL 90/37 EL 6/90



Electro-mechanical
control

USFL 90/37 EL 6/90



37° flaring



90° flaring



Equipped with wheels



Front tool-holder
compartment

USFL 90/37 ES

TECHNICAL DATA

	USFL 90/37 ES	USFL 90/37 ECO	USFL 90/37 EL 6/90
90° FLARING	1/4" → 1" 1/4 x 0.20"	1/4" → 1" 1/4 x 0.20"	1/4" → 3" 1/2 x 0.20"
37° FLARING	1/4" → 1" 1/2 x 0.15"	1/4" → 1" 1/2 x 0.15"	1/4" → 3" 1/2 x 0.20"
MATERIALS	AISI 316 TI - ST 37.4*	AISI 316 TI - ST 37.4*	AISI 316 TI - ST 37.4*
WEIGHT WITHOUT OIL	1422 Lbs	809 Lbs	1887 Lbs
OIL (NOT INCLUDED)	50 Lt. (13 US gal)	3 Lt. (0.8 US gal)	44 Lt. (11 US gal)
DIMENSIONS LxWxH	38.3"x50.1"x46.2"	29.9"x32.6"x47.6"	35.3"x51.4"x51.4"
STANDARD VOLTAGE	Any 60HZ 3PH	Any 60HZ 3PH	Any 60HZ 3PH
MOTOR POWER	Max 5.3 Kw (7.11 Hp)	Max 2.38 Kw (3.25 Hp)	6.3 Kw (8.5 Hp)
PNEUMATIC INPUT (LUBRICATING SYSTEM COMPRESSOR)	5 Bar (72 Psi)	-	5 Bar (72 Psi)

90° FLARING TOOLS:
available for ORFS Parker upon request

37° FLARING TOOLS:
they are supplied according to UNI ISO 8434-2
and DIN 3949 regulations

* Stainless steel different from AISI 316 TI can compromise the quality of the flaring operation and the tools state of conservation.

OPTIONAL

		ES	ECO	6/90
PEDAL		■	-	-



EQUIPMENT SUITABLE TO PROCESS RIGID TUBES
IN STAINLESS (AISI 316 TI) AND CARBON (ST 37.4) STEEL

THESE MACHINES, WHICH REQUIRE ONLY ONE TOOL CHANGE TO
CARRY OUT THE FLARING OPERATIONS, USE A COLD ORBITAL FORMING
PROCESS TO CREATE A FLAT AND SMOOTH SEALING SURFACE AT 90° AND
37° WITH A SUITABLE RUGOSITY FOR THE O-RING SEAL.

Product specifications could be modified without prior notice.

UNISPEED USFL 90/37 ES 6/28

Code: UNISFL9037ES628

FLARING

POSSIBILITY TO RECALL PREVIOUSLY SET RECIPES



UNISPEED USFL 90/37 EL 6/28

Code: UNISFL9037EL628

FLARING



MAIN FEATURES



Touch-screen electronic control

USFL 90/37 ES 6/28



Possibility to obtain any flaring diameter and thickness

USFL 90/37 ES 6/28



Ideal for volume production



Automated tools lubrication system by means of a dedicated unit

USFL 90/37 EL 6/28



Electro-mechanical control



37° flaring



90° flaring



Equipped with wheels



Front tool-holder compartment



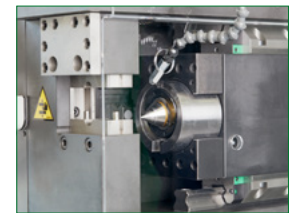
Ideal for the automotive industry

	TECHNICAL DATA	
	90/37 ES 6/28	90/37 EL 6/28
90° FLARING CARBON STEEL 37.4	1/4"-1" x 0.1"	1/4"-1" x 0.1"
90° FLARING STAINLESS STEEL AISI 316 TI	1/4"-5/8" x 0.1**	1/4"-5/8" x 0.1**
37° FLARING CARBON STEEL 37.4	1/4"-1" x 0.1"	1/4"-1" x 0.1"
37° FLARING STAINLESS STEEL AISI 316 TI	1/4"-5/8" x 0.1**	1/4"-5/8" x 0.1**
WEIGHT	1089 Lbs	1084 Lbs
DIMENSIONS LxWxH	27.9"x37.2"x56.3"	30"x35.2"x56.3"
STANDARD VOLTAGE	Any 60HZ 3PH	Any 60HZ 3PH
MOTOR POWER	3.25 Kw (4.35 Hp)	3.25 Kw (4.35 Hp)
PNEUMATIC INPUT (LUBRICATING SYSTEM COMPRESSOR)	5 Bar (72 Psi)	5 Bar (72 Psi)

	OPTIONAL		
		90/37 ES 6/28	90/37 EL 6/28
PEDAL		<input type="checkbox"/>	<input type="checkbox"/>



UNISPEED USFL 90/37 EL 6/28 CONTROL PANEL



UNISPEED USFL 90/37 EL 6/28 RIGHT SIDE OPENING



EQUIPMENT SUITABLE TO PROCESS RIGID TUBES IN STAINLESS (AISI 316 TI) AND CARBON (ST 37.4) STEEL

THESE MACHINES, WHICH REQUIRE ONLY ONE TOOL CHANGE TO CARRY OUT THE FLARING OPERATIONS, USE A COLD ORBITAL FORMING PROCESS TO CREATE A FLAT AND SMOOTH SEALING SURFACE AT 90° AND 37° WITH A SUITABLE RUGOSITY FOR THE O-RING SEAL. THE INNOVATIVE CLAMPING SYSTEM ENABLES TO PROCESS STRAIGHT AND OF REDUCED DIMENSIONS RIGID TUBES, SO THESE MACHINES ARE THE IDEAL SOLUTION FOR TUBES WITH BENDS UP TO 180° WITH A TIGHT RADIUS, SUCH AS SHAPED RIGID TUBES, STEEL AND HOSE COMBINED CONNECTIONS, ETC.

Product specifications could be modified without prior notice.

90° FLARING TOOLS: available for ORFS Parker upon request

37° FLARING TOOLS: they are supplied according to UNI ISO 8434-2 and DIN 3949 regulations

* Stainless steel different from AISI 316 TI can compromise the quality of the flaring operation and the tools state of conservation.

UNISPEED USFL 24/37 ES

Code: UNISUSFL2437ES

FLARING & PREASSEMBLY



UNISPEED USFL 24/37 ES 6/18

Code: UNISFL2437ES618

FLARING & PREASSEMBLY



UNISPEED USFL/01 ES

Code: UNISUSFLES

FLARING & PREASSEMBLY



MAIN FEATURES



DIN2353 rings preassembly



37° flaring



Touch-screen electronic control



Ideal for volume production



Equipped with wheels



Automatic tools identification system



Front tool-holder compartment

USFL01/ES

TECHNICAL DATA			
	USFL 24/37 ES	USFL 24/37 ES 6/18	USFL/01 ES
24° PREASSEMBLY	6→42x4 mm	6→18x2 mm	6→42x4 mm
37° FLARING	1/4"→ 1" 1/2 x 0.15"	1/4" → 5/8" x 0.08"	1/4" → 1" 1/2 x 0.15"
MATERIALS	AISI 316 TI - ST 37.4	AISI 316 TI - ST 37.4	AISI 316 TI - ST 37.4
WEIGHT WITHOUT OIL	330 Lbs	286 Lbs	364 Lbs
DIMENSIONS LxWxH	23"x23.6"x45.2"	29.9"x29.6"x42.3"	27.2"x22.8"x43.7"
STANDARD VOLTAGE	Any 60HZ 3PH	Any 60HZ 3PH	Any 60HZ 3PH
MOTOR POWER	1.5 Kw (2 Hp)	0.75 Kw (1 Hp)	1.8 Kw (2.5 Hp)
OIL (NOT INCLUDED)	15 Lt. (4 US gal)	13 Lt. (3.5 US gal)	20 Lt. (5 US gal)

OPTIONAL				
		24/37 ES	24/37 ES 6/18	01 ES
ELECTRIC PEDAL		■	■	■
37° FLARING BLOCK		■	-	■
37° FLARING BLOCK		■	■	-
TOOL HOLDER (6→42)		■	-	■
TOOL HOLDER (6→18)		■	■	-

USFL 24/37 ES
EQUIPPED WITH A DOUBLE WORKING LEVEL:
UPPER LEVEL FOR BENDS UP TO 180°,
LOWER LEVEL FOR STANDARD TUBES

USFL 24/37 ES 6/18
SUITABLE FOR TUBES WITH EXTREME BENDS
UP TO 180° (SHAPED RIGID TUBES,
STEEL AND HOSE COMBINED CONNECTIONS)

USFL/01 ES
AUTOMATIC TOOL IDENTIFICATION SYSTEM
AND AUTOMATED PRESSURE SETTING,
POSSIBILITY TO MANUALLY STORE RECIPES AND RECALL
THEM AUTOMATICALLY, THANKS TO AUTOMATIC
TOOLS IDENTIFICATION



37° FLARING TOOLS:
they are supplied according to UNI ISO 8434-2 and DIN 3949 regulations

EQUIPMENT SUITABLE TO PROCESS RIGID TUBES
IN STAINLESS (AISI 316 TI) AND CARBON (ST 37.4) STEEL

Product specifications could be modified without prior notice.

UNISPEED USFL/01

Code: UNISUSFL

FLARING & PREASSEMBLY



UNISPEED USFL/01 MAN

Code: USFLMAN

FLARING & PREASSEMBLY



UNISPEED USFL 015 MAN

Code: USFL015MAN

PREASSEMBLY

SUITABLE TO BE FIXED TO ANY VICE
AND FOR LL, L, S SERIES TOOLS
AND FOR TUBES WITH EXTERNAL Ø 6-15 MM.



MAIN FEATURES



DIN2353 rings preassembly



37° flaring with the addition of
a dedicated steel flaring block



Also available in 12V



Manual pressure adjustment



Ideal for on-site service



Manually operated

USFL/01
USFLMAN

USFL/01

USFL/01

USFLMAN
USFL015MAN

TECHNICAL DATA

	USFL/01	USFL/01 MAN	USFL 015 MAN
24° PREASSEMBLY	6→42x4 mm	6→42x4 mm	6S - 15L
37° FLARING	1/4 → 1" 1/2 x 0.15"	1/4 → 1" 1/2 x 0.15"	-
MATERIALS	AISI 316 TI - ST 37.4	AISI 316 TI - ST 37.4	AISI 316 TI - ST 37.4
WEIGHT	132 Lbs	84 Lbs	26 Lbs
DIMENSIONS LxWxH	17.7"x24.8"x10.6"	13.7"x15.7"x10.6"	11.2"x4.1"x4.1"
STANDARD VOLTAGE	Any 60HZ 3PH/1PH	-	-
MOTOR POWER	0.75 Kw (1 Hp)	-	-
LEVER LENGTH	-	-	31.4"

OPTIONAL

		01	01 MAN	015 MAN
37° FLARING BLOCK		■	■	-
TOOL HOLDER (6→42)		■	■	-

EQUIPMENT SUITABLE TO PROCESS RIGID TUBES
IN STAINLESS (AISI 316 TI) AND CARBON (ST 37.4) STEEL

USFL/01 AND USFLMAN: 37° FLARING TOOLS SUPPLIED ACCORDING TO UNI ISO 8434-2 AND DIN 3949 REGULATIONS

MANUAL PREASSEMBLING TOOL

Manual preassembling tool (6→42 mm)



TEMPLATE FOR PREASSEMBLING TOOL CONTROL

Template for preassembling tool control (6→42 mm)



Product specifications could be modified without prior notice.