



Accessories and Equipment

TFCGS

www.tfes.com.sg

FLAT-FACE SERIES

HYDRAULIC QUICK DISCONNECT COUPLING

TFES quick release couplings are designed to provide reliable, leak-free connections for virtually every application. With a wide offering of sizes available, we have the broadest range of high-grade materials, valve styles, pressure ratings, and end ports in the market. Our hydraulic quick disconnect products offer the ultimate connection solution for demanding hydraulic applications making them the number one choice across a diverse range of applications. As a result, our hydraulic couplings are trusted for use across many of today's major industrial markets.

CONSTRUCTION	Carbon Steel and Stainless Steel body, VITON, NBR, EPDM seats
AVAILABLE SIZE	1/8", 1/4", 3/8", 1/2", 5/8", 3/4", 1", 1 1/2", 2"
WORKING PRESSURE	Up to 4350 PSI (CS), 5075 PSI (SS)
FLOW RATE	Up to 1000 l/min
TEMPERATURE	-20°C to +100°C (NBR Seat)
CONNECTION	BSP / NPT
STANDARD	ISO 16028 – NFPA T3.20.15 – HTMA (size 3/8")



POPPET QUIC COUPLING

HYDRAULIC QUICK DISCONNECT COUPLING

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CONSTRUCTION	Carbon Steel and Stainless Steel body, VITON, NBR, EPDM seats
AVAILABLE SIZE	1/8", 1/4", 3/8", 1/2", 5/8", 3/4", 1"
WORKING PRESSURE	Up to 3625 PSI (b series)
FLOW RATE	Up to 200 l/min
TEMPERATURE	-15°C to +100°C (NBR Seat)
CONNECTION	BSP / NPT
STANDARD	ISO 7241 A, ISO 7251 B



POPPET SCREW (OILFIELD)

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CONSTRUCTION	Carbon Steel and Stainless Steel body, VITON, NBR, EPDM seats
AVAILABLE SIZE	¾", 1", 1 ¼", 1 ½", 2"
WORKING PRESSURE	Up to 5000PSI
FLOW RATE	Up to 1100 l/min
TEMPERATURE	-20°C to +100°C (NBR Seat)
CONNECTION	Screw/BSP/NPT
STANDARD	API 16D complied, Lloyd.



PRESSURE GAUGE

TFES carries a wide range of heavy duty pressure gauges. Pressure gauges comes with dual units in Bar and PSI and tested life cycle exceeds 50,000 cycles.

NOMINAL SIZE	2½" (63mm), 4" (100mm), 6" (160mm)
CONNECTION	½", ¾", 1", 1½", 2", 3", 4", 6"
WORKING PRESSURE	Bottom or Back Mounting 2½" Dial : ½" NPT/BSP Male 4"/6" Dial : ½" NPT/BSP Male
CONSTRUCTION	SS316 Case SS316L, Brass
PRESSURE RANGE	0 to 14,500PSI (0 – 1000Bar)
STANDARD	EN 837-1
ACCURACY	+/- 1.6%



DRY DISCONNECT COUPLING

MannTek

TFES uses one of the safest Dry Disconnection Coupling for Oil and Gas, Aviation and Defence industry. The dry break couplings are tested and proven highly reliable.

SIZE	1" to 8"
MATERIAL	Aluminium, Brass, Stainless Steel, Hastelloy, Titanium
SEALS MATERIAL	FKM, NBR, EPDM, FFKM
WORKING PRESSURE	Up to 25 Bars
THREADED CONNECTION	BSP/NPT/ANSI Flange
STANDARDS	Accordance to NATO STANAG 3756



HYDRAULIC HOSE CRIMPER – UCM24D (WORKBENCH)

UNICAL

FOR 1 1/2" FOUR SPIRAL WIRE HOSE

CRIMP CAPACITY	1 1/2" Four Spiral Hose
CRIMP RANGE	4mm – 65mm
CRIMP FORCE	1700kN
NO. CRIMP/HR	1800
NOISE LEVEL	65dBA
PROTECTION CLASS	IP56
SIZE	680 x 600 x 650
WEIGHT	220Kg
STANDARD DIES	14, 16, 19, 22, 26, 30, 34, 39, 45
OPTIONAL DIES	10, 12, 51, 57
INCLUSIVE ACCESSORIES	Foot Pedal
OPTIONAL ACCESSORIES	Quick Dies Changing Tool, Die Rack



HYDRAULIC HOSE CRIMPER – UCM32S-4S

FOR 2" FOUR SPIRAL WIRE HOSE



CRIMP CAPACITY	2" Four Spiral Hose
CRIMP RANGE	4mm – 87mm
CRIMP FORCE	2200kN
NO. CRIMP/HR	1200
NOISE LEVEL	65dBA
PROTECTION CLASS	IP56
SIZE	680 x 600 x 1400
WEIGHT	300Kg
STANDARD DIES	16, 19, 22, 22, 26, 30, 34, 39, 45, 51, 57, 63, 69
OPTIONAL DIES	10, 12, 74, 78
INCLUSIVE ACCESSORIES	Foot Pedal, Quick Change Tool, Die Rack
OPTIONAL ACCESSORIES	Backstop Device



HYDRAULIC HOSE CRIMPER – UCM32S-6S

FOR 2" SIX SPIRAL WIRE HOSE



CRIMP CAPACITY	2" Six Spiral Hose
CRIMP RANGE	4mm – 95mm
CRIMP FORCE	2600kN
NO. CRIMP/HR	900
NOISE LEVEL	65dBA
PROTECTION CLASS	IP56
SIZE	680 x 600 x 1400
WEIGHT	320Kg
STANDARD DIES	16, 19, 22, 26, 30, 34, 39, 45
OPTIONAL DIES	10, 12, 51, 57
INCLUSIVE ACCESSORIES	Foot Pedal, Quick Change Tool, Die Rack
OPTIONAL ACCESSORIES	Backstop Device



HYDRAULIC HOSE PORTABLE CRIMPER – UCP24M

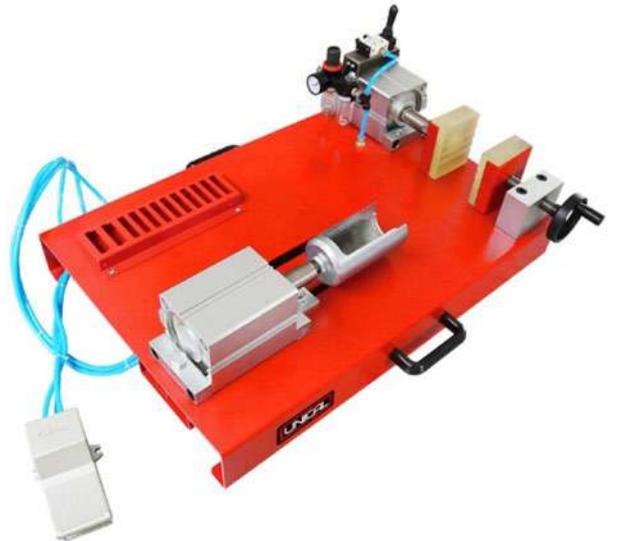
FOR 1½” FOUR SPIRAL WIRE HOSE

CRIMP CAPACITY	1½” Four Spiral Hose
CRIMP RANGE	4mm – 65mm
CRIMP FORCE	2100kN
SIZE	200 x 250 x 310
WEIGHT	45Kg
STANDARD DIES	16, 19, 22, 26, 30, 34, 39, 45, 51, 57, 63, 69
OPTIONAL DIES	10, 12, 74, 78
INCLUSIVE ACCESSORIES	Foot Pedal, Quick Change Tool, Die Rack
OPTIONAL ACCESSORIES	Backstop Device



HYDRAULIC HOSE NIPPLE INSERTER – UNS32

MAXIMUM CAPACITY	¼” to 2” hose
POWER	Pneumatic
CONTROL	Foot Pedal
SIZE	560 x 760 x 200
WEIGHT	40Kg
INCLUSIVE	11 tools ¼” to 2”



HYDRAULIC HOSE CUTTER – UHC32-4D

FOR 2" SIX SPIRAL WIRE HOSE

MAXIMUM CAPACITY	2" Four Wire Spiral Hose
MOTOR	3Kw
CUTTING BLADE	300 x 50 x 3mm
SIZE	450 x 400 x 430
WEIGHT	45Kg



HYDRAULIC HOSE CUTTER – UHC32-4S

**FOR 2" SIX SPIRAL WIRE HOSE
(FOOT PEDAL OPERATED)**

MAXIMUM CAPACITY	2" Four Wire Spiral Hose
MOTOR	3Kw
CUTTING BLADE	300 x 50 x 3mm
SIZE	840 x 550 x 1150
WEIGHT	135Kg



SKIVING MACHINE – UKS32D

UNICAL HYDRAULIC HOSE



MAXIMUM CAPACITY	¼" to 2" Hose
POWER	0.75Kw
CUTTING ROTATION	2 Ways
CONTROL	Foot Pedal
NOISE LEVEL	60dBA
SIZE	450 x 400 x 450
WEIGHT	40Kg
INCLUSIVE	External Skiving tools 6,8,10,12,19,25,32,38,50
EXCLUSIVE	Internal Skiving tools 16,19,25,32,38,51



BOROSCOPE

CAMERA HEAD

- 50mm Dia and 23mm Dia camera head
- 1/3 inch CCD sensor
- 90 deg view angle
- Manual focus & self leveling (optional)
- Scope of focus: 20mm - infinite
- 6pcs white highlight LEDs
- 960 TVLine resolution
- Waterproof - IP68

CONTROL

- 12V power supply
- Battery capacity: 4400MAH
- Charge time: 5 hours
- Continuous Working Time: 420 minutes
- Storage medium: SD card & USB Sick (max 256G)
- Video record (mp4)
- Microphone Audio Record
- Picture snap (jpg)
- 10 levels digital zoom
- USB keyboard interface
- Focus and light intensity control
- 9" Monitor Size TFT
- Charging Power Supply: AC110V-240V / 50-60Hz
- Output: DC12.6V / 1Amp

CABLE WHEEL

- Size: 768 x 239 x 820mm
- Cable material: Fiberglass rod
- Cable length: 60m to 120m
- Cable Diameter: 9.5mm 9 cores

