

ROLL GROOVING MACHINES

No more worries about obtaining the perfect groove!

LIGHT GROOVE 150DX

25A - 400A (1" - 16")

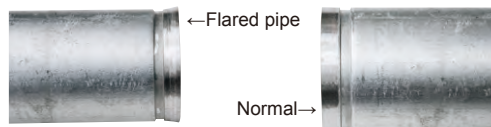
Standard Model: 2" - 6"

For on-site and workshop grooving of 1" - 16" Schedule 10 and, 1" - 12" Schedule 40 steel pipe.

Utilises REX's latest technology to minimise cost and improve efficiency. Self-centring head minimises pipe flare and secures the pipe firmly in the machine. Automatic pump and indicator lamp ensure stable grooving. Designed for maximum productivity and lowest cost per groove.

High precision machining avoids unwanted flared pipe ends.

Flared pipe ends mean the gasket can't be placed on the coupling, so the job needs to be done all over again. Furthermore, to avoid producing such defects needs great skill in aligning the pipe perfectly. REX' self-centering function means just about anyone can process pipes in a stable manner and with increased efficiency.



Automatic Pump

RG 150A



Roller

Roll grooving is different to cut grooving.

Roll grooving is a process by which the pipe is deformed under pressure, which maintains its strength. Numerous reports indicate that roll grooving prevented damage to pipelines during the 1995 Kobe Earthquake, Japan.

Indicator Lamp

The indicator lamp automatically lights up when grooving is complete so that even a novice can be sure of achieving the correct groove depth.

Automatic Pump

The electric powered pump was developed specifically for this machine to make accurate grooving easier.

RG-150A
341074

341109
* Pipe support optional.

Hand Pump

RG 150

RG-150
341080

Standard Accessories:

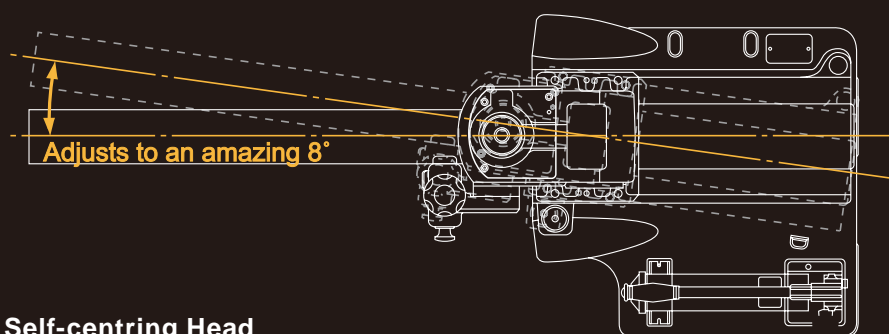
Tool box, Spirit level, Spanner, T-wrench, Grease

341133: Roller Set 2" - 6"(Sch.10 - 40), 341125 Spacer 1" - 6"

Code No.	Model	Volatage(V)	Pump	Weight	Remarks
341071	RG-150A	220-230V 50Hz	Auto	85kg	
341074	RG-150A	220-230V 50Hz	Auto	85kg	CE with footswitch
341075	RG-150A	110V 50Hz	Auto	85kg	CE with footswitch
341080	RG-150	220-230V 50/60Hz	Hand	75kg	

Working Capacity (in)	1-16 Sch. 10 steel pipe 1-12 Sch. 40 steel pipe
Motor	700W Series Motor
Rotation speed(rpm)	49(unloaded)
Dimensions(mm)	D685 × W490 × H625





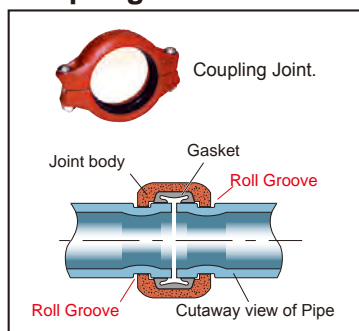
Self-centring Head

The head adjusts up to an amazing 8° to ensure a perfectly centred groove every time. The carrying handles also serve as guides to make setting pipes easier.



Raise the red knob on the head lock pin to release the self-centering head.

Coupling Joint



Guide roller prevents the pipe from detaching and eliminates vibration, so there's no need to place your hand on the pipe.

Easy grooving with a threading machine.

PORTABLE GROOVER H

25A - 400A (1" - 16")

Standard Model: 2" - 6"

RG-RH unit provides 16" grooving (Schedule 10) and Schedule 40 grooving up to 12".

- Compact, light weight, powerful, and large capacity!
- Easy to mount on your threading machine.
- Easy operation with guide roller means there is no need to put your hand on the pipe.
- Incredibly light handle with hydraulic cylinder.



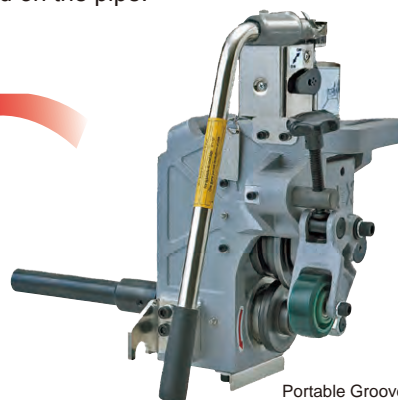
No need to remove carriage, reamer or Die-head



Hydraulic Cylinder



RG-RH on NP50AV



Portable Groover H
RG-RH
with Mount Kit
M-HR1 (Option)

Standard Accessories:

341133 Roller Set 2" - 6" (Sch. 10 - 40)

341125 Spacer 1" - 6"

(Mount Kit not included)



341560

Simple mount kit (option) provides adaptability to Rex 2", 3", 4" threading machines and #300.



Code No.	341506
Model	RG-RH
Working Capacity (in.)	1 - 16 Sch. 10 steel pipe 1 - 12 Sch. 40 steel pipe
Dimensions (D×W×H) mm	272 × 478 × 385*
Weight (kg)	35.5

* Excluding connecting shaft and pump handle

GROOVERS

PORTABLE GROOVER M/S

25A - 150A (1" - 6")

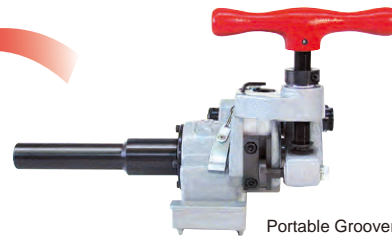
Standard Model: 2" - 6"

Just attach to a REX pipe threading machine for fast, easy grooving.

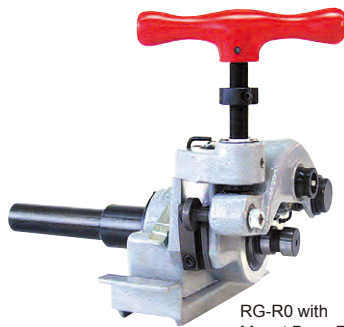
- Anti-slipping device enables safe, efficient processing.
- Groove depth easily adjusted.
- Special power booster facilitates light and easy operation.



RG-R1 with FP50A

Portable Groover M
RG-R0 with Mount Base R1

For Steel Pipe Portable Groover M

RG-R0 with
Mount Base R1

- Makes grooves on 1" to 6" Schedule 10 and 1" to 3" Schedule 40 steel pipes.
- Easily attached to REX N50A, R50A, P50A, NP50A, FP50A, FR50A, N80A, S80A, NP80A, N100A, #300 or 300 Compact.
- Like the Light Groove 150DX, groove depth is easily adjusted. Power mechanism enables grooving with minimal force.
- Compact, lightweight, excellent durability.
- Mount the groover on any of the machines simply by replacing the mount base (5 types available).

Standard accessories :

Mount base (Except RG-R0) 1 pc,
Connecting shaft 1 pc,
Socket head cap screw (M8×25) 4 pcs,
Spring washer (8mm) 4 pcs, Hex key 3, 4, 5, 6 mm,
Grease, Tool box

For Stainless Steel Pipe Portable Groover S

RG-S1 with
Mount Base R1

* Subject to confirmation of adaptability to
SUS pipe in each country.



Rollers for SUS

Precise grooving with special
rollers

Code No.	Model	Applicable machine	Working Capacity	Weight (kg)
341505	RG-R0	No Mount Base	1" - 6" Sch. 10 - 20 1" - 3" Sch. 10 - 40 Standard Model For 2" - 6" Sch. 10 - 20 2" - 3" Sch. 10 - 40 (Roller set 341558)	12.0
341501	RG-R1	N50A, R50A, P50A, NP50A, FP50A, FR50A		14.5
341502	RG-R2	N80A, S80A, NP80A		
-	RG-R3	N100A		
341503	RG-E1	#300		
341504	RG-E2	300 Compact	Stainless Steel Pipe 30 - 150Su, 1" - 6" : Sch. 5S Standard Model S1- 30 - 50Su, 1" - 1½" : Sch. 5S (Roller set 341635) S2- 60 - 150Su, 2" - 6" : Sch. 5S (Roller set 341636)	10.0
341631	RG-S1	No Mount Base		
341632	RG-S2	No Mount Base		

Combined Motor and Groover Set FPG150M

25A - 150A (1" - 6")

Standard Model: 2" - 6"

Rex provides a great combination!

- FPG150M is a combined motor unit and Portable Groover M (RG-R0+M-R1).

FPG150M
341327

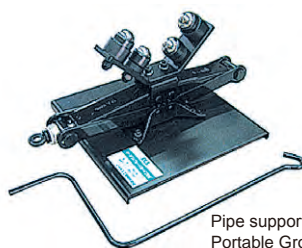
Code No.	Model	Voltage	Groover	Weight (kg)
341327	FPG150M CE 230V	230 V	RG-R1	55.0

Roller Set

Standard	Optional				
					
341133	341112	341113	341111	341137	341136
Roller Set 2"- 6"	Main Shaft 1"- 1½"	Roller Set 1"- 1½"	Roller Set 8"- 12"	Roller Set 10"- 12"	Roller Set 14"- 16"

Spacer (Groove Depth Gauge)

	
1"- 6"	8"- 12"
341125	341124

Mount Kit M-HR1
341560Mount Base
341555 341554Pipe support for
Portable Groover
341618

GV Gauge

Circumference GV Gauge
341132**Accessories for Groovers**

Code No	Description	Light Groove	Portable Groover H	Portable Groover M	Portable Groover S
341111	Roller Set 8"-12" (8": Sch. 10 - 40, 10"-12": Sch. 10 - 30)	●	●		
341112	Main Shaft For Roller 1"-1½" (150DX)	●			
341141	Main Shaft For Roller 1"-1½" (RG-RH)		●		
341113**	Roller Set 1"-1½" (Sch. 10 - 40)	●	●		
341133	Roller Set 2"- 6" (Sch. 10 - 40)	●*	●*		
341137	Roller Set 10"-12" (Sch. 40)	●	●		
341136	Roller Set 14"-16" (Sch. 10) (150DX)	●			
341138	Roller Set 14"-16" (Sch. 10) (RG-RH)		●		
341118	Roller Set SUS 30 - 50Su 1" - 1½": Sch. 5S - 10S	●	●		
341119	Roller Set SUS 60 - 80Su 2" - 3": Sch. 5S - 10S	●	●		
341120	Roller Set SUS 100 - 150Su 4" - 6": Sch. 5S - 10S	●	●		
341551	Roller Set 1" (Sch. 10 - 40)			●	
341552	Roller Set 1¼ - 1½" (Sch. 10 - 40)			●	
341554	Mount Base R1 REX50A Machine			●	●
341555	Mount Base R2 REX80A Machine			●	●
341556	Mount Base E1 #300			●	●
341557	Mount Base E2 #300 Compact			●	●
341558	Roller Set 2" - 6" (2" - 3": Sch. 10 - 40, 3½" - 6": Sch. 10 - 20)			●*	
341559	Mount Base R3 REX N100A Machine			●	●
341560	Mount Kit M-HR1 REX 50A Machine		●		
341561	Mount Kit M-HR2 REX 80A Machine		●		
341562	Mount Kit M-HR3 REX N100A Machine		●		
341563	Mount Kit M-HE1 #300		●		
341618	Pipe support for Portable Groover			●	●
341635	Roller Set 30-50 Su				●*S1
341636	Roller Set 60-150 Su				●*S2
341180	Spacer 30-150 Su				●*
341124	Spacer 8" - 12"	●	●		
341125	Spacer 1" - 6"	●*	●*		
341121	GV Gauge 1"	●	●	●	
341122	GV Gauge 1¼"	●	●	●	
341123	GV Gauge 1½"	●	●	●	
341126	GV Gauge 2"	●	●	●	
341127	GV Gauge 2½"	●	●	●	
341128	GV Gauge 3"	●	●	●	
341129	GV Gauge 4"	●	●	●	
341130	GV Gauge 5"	●	●	●	
341131	GV Gauge 6"	●	●	●	
341132	Circumference GV Gauge	●	●	●	●

** to be set with Main shaft 341112 or 341141

* Standard Equipment

CORDLESS FLARE

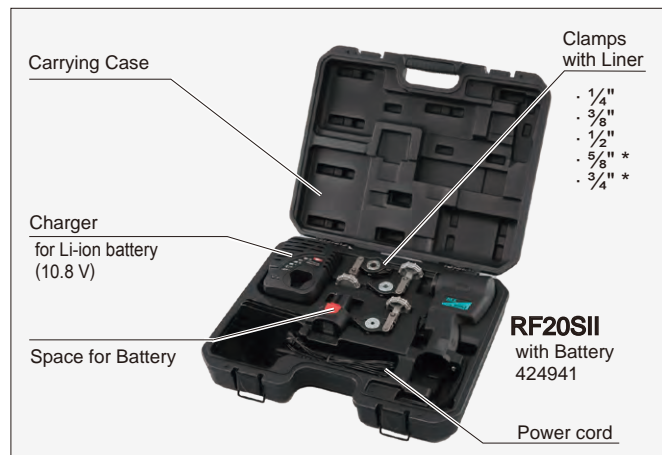
RF20SII

 $\frac{1}{4}'' - \frac{3}{4}''$

Improved Performance and Ease of Handling!

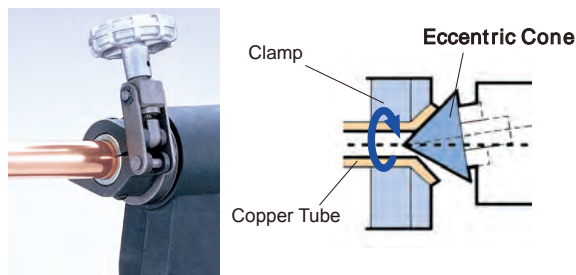


Standard Accessories



* Depends on specification

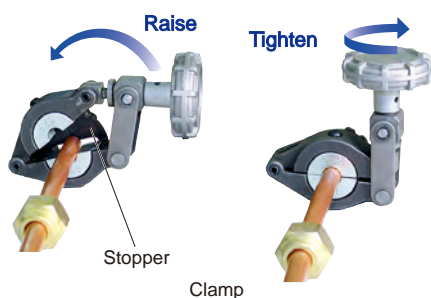
Eccentric Cone



The eccentric cone moves forward with a rotary motion to gradually push and expand the inner diameter of the copper tube. The forward movement of the cone is then stopped by the clutch, which activates at a predetermined pressure. The flared surface of the copper tube is given a clean finish by the cone's rotary motion.

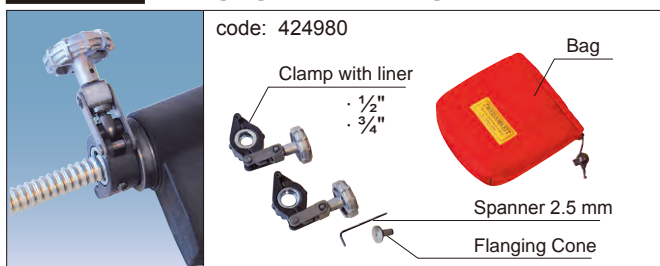
One-Action Mechanism

The clamped position of the copper tube is fixed using a stopper, eliminating unevenness when flaring.



Option

Flanging tool set changes RF20S to RT20S



Specifications

Applicable Tube	: Copper Tubes (O-type, OL-type) JIS H3300 C1220T
Applicable Tube Size	: $\frac{1}{4}''$, $\frac{3}{8}''$, $\frac{1}{2}''$, $\frac{5}{8}''$, $\frac{3}{4}''$ *
Flare Type	: Supports Class 2 refrigerant (Supports R-410A)
Dimensions (LxWxH) mm	: 108 x 72 x 225 (108 x 72 x 261 with battery)
Time for flaring	: About 5 seconds
Flaring method	: Revolving eccentric cone under stable pressure
Revolution speed	: 280 rpm
Motor	: DC motor
Battery	: 10.8 V Li-ion (424982)

Code No.	Model	Voltage (V)	Weight (kg)	
			Body	with Battery
424911	RF20SII	100	1.135	1.320
424941	RF20SII	220		

Accessories

Code No.	Model
424981	RF20SC Lithium-ion Charger AC 100-240V KC
424961	RF20SC Lithium-ion Charger AC 100-240V A-plug
424985	RF20SC Lithium-ion Charger AC 100-240V C-plug
424950	Clamp without Liner for RF20S
424850	Liner $\frac{1}{4}''$ (6.35 mm)
424852	Liner $\frac{3}{8}''$ (9.52 mm)
424853	Liner $\frac{1}{2}''$ (12.70 mm)
424854	Liner $\frac{5}{8}''$ (15.88 mm)
424855	Liner $\frac{3}{4}''$ (19.05 mm)
424980	Flanging Tool Set
471991	Scraper
471992	Blade for Scraper 10 pcs Set
424956	Charger 100V for 9.6V NiCd Battery (for RF20N)
424960	Charger 220-230V for 9.6V NiCd Battery (for RF20N)
424894	Clamp with Flaring Bar ($\frac{1}{4}''$, $\frac{3}{8}''$, $\frac{1}{2}''$)
424890	Hook

Battery Specifications

Capacity (mAh)	: 2,000
Charging time (min)	: 60 (approx)
Charges/Discharges	: 500 times
Dimensions (mm)	: L60 x W54 x H85

Code No.	Type	Output Voltage (V)	Weight (g)
424987	RF20SB Li-ion Battery	10.8	185

Charger Specifications

Charging time (min)	: 60 (approx)
Dimensions (mm)	: L146 x W109 x H61

Code No.	Battery Type	Input Power Supply	Weight (g)
424985	RF20SC Lithium-ion Charger	AC 100-240 V C-plug	335

CORDLESS FLANGE

RT20SII

 $\frac{1}{2}$ " - $\frac{3}{4}$ "Auto-flanging in 5 seconds! ($\frac{1}{2}$ " - $\frac{3}{4}$ " stainless flexible tube)

Carrying Case

RT20SII
424978

Specifications

Applicable tube	: M -13 ($\frac{1}{2}$ " (16.8 mm), M -15 ($\frac{3}{4}$ " (20.0 mm)
Number of flanges	: 2 or 3 ridges
Time for flanging	: About 5 seconds
Flanging method	: Revolving eccentric cone under stable pressure
Revolution speed	: 280 rpm
Motor	: DC motor
Battery	: 10.8 V Li-ion (424982)
Standard accessories	: Charger (424985), Clamps with Liner ($\frac{1}{2}$ ", $\frac{3}{4}$ "), Hex key (2.5 mm), Carrying Case

Code No.	Model	Voltage (V)	Weight (kg)	
			Body	with Battery
424978	RT20SII	220	1.135	1.320

Optional Accessories

Code No.	Model
424975	Clamp without Liner for RT20S
424777	Liner $\frac{1}{2}$ " (16.8 mm)
424778	Liner $\frac{3}{4}$ " (20.0 mm)

STAINLESS FLEXIBLE TUBE

M-13, M-15

Made of stainless steel SUS316L: strong and corrosion resistant.



Nut & Gasket

M-13: 170713
M-15: 170715
Stainless Flexible Tube

Code No.	Model	Contents
170713	M-13	10 m roll / package
170715	M-15	10 m roll / package

FLEXIBLE TUBE CUTTER / STRIPPER

8A - 32A

Prevents over feeding – safe, easy, and quick to use!

CLICK 25N

1713F5

8A-25A

The sound and feel of clicks inside the knob greatly reduce burrs at tube edge.

Click 25
1713F5Easy screw feeding blade - each click of the knob provides a $\frac{1}{8}$ rotation.

Stripper for plastic coat

1702FS



25N

1713F3

8A-25A



MINI 32N

1713F4

8A-32A



Cuts 8-32A (nominal size) tube, despite its light and compact body

- Plastic and polyurethane rollers enable smooth cutting with less twisting of external vinyl coat.
- Cuts stainless steel flexible tube precisely with fewer burrs and dents.
- Spare blade included as standard. (25N, CLICK25N only)

FLEXIBLE TUBE CUTTER / STRIPPER

Code No.	Model	Applicable sizes (A)	Weight (g)
1713F3	Flexible Tube Cutter 25N	8 - 25	245
1713F4	Flexible Tube Cutter MINI32N	8 - 32	220
1713F5	Flexible Tube Cutter CLICK 25N	8 - 25	255
424200	Cutter Wheel 20 for 1703F2*	-	23
1703F7	Cutter Wheel 25/32 for 1703F3-5*, 1713F3-5	-	-
1702FS	Stripper	8 - 32	80
170205	Blade for Stripper	-	-

* previous model

G-LINE SCOPE R2820



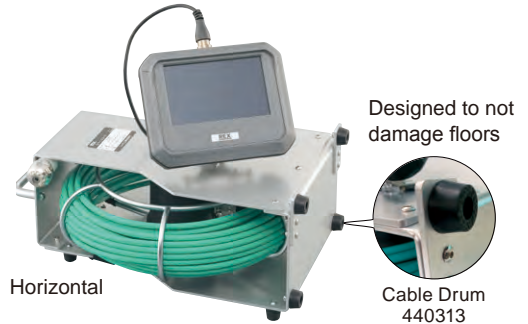
Introducing the new $\phi 28$ camera head camera with an amazing 2 million pixels!

Special Features

- Resolution 1920x1080 approximately 2 million pixels (Full HD)
- Adopts a large touch panel 5-inch monitor
- Swing monitor (up and down, left and right)
Added the ability to rotate from side to side instead of just raising it up and down.
- Built-in lithium ion battery
Can be used for 3.5 hours with 2.5H charging (standard value)
- Digital 3x tool
- Screen flip function
- Can be placed vertically or horizontally
- With distance display function
- Cable trimming can be corrected



5" inch Big Monitor



Horizontal

Designed to not damage floors



Cable Drum 440313



$\phi 28$

Vertical



Easy to carry

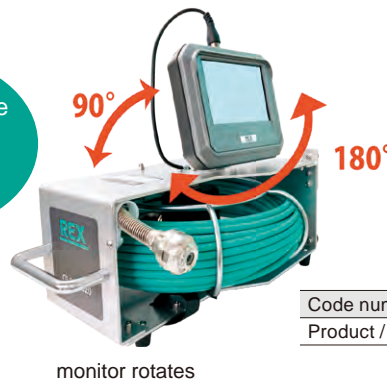
GLS-R2820



GLS-R2820 44R010

Applicable pipe diameter
 $\phi 30\text{mm}$ to $\phi 110\text{mm}$

Cable length
20m



monitor rotates



Carrying Case 440314



Skid 75 440371

Option

Code No.	Model
440371	Skid 75 for GLS-R2820

Pixel count comparison

GLS2820 300,000 pixels GLS-R2820 2 million pixels

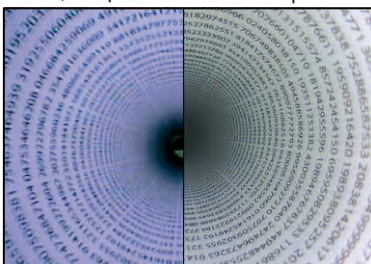
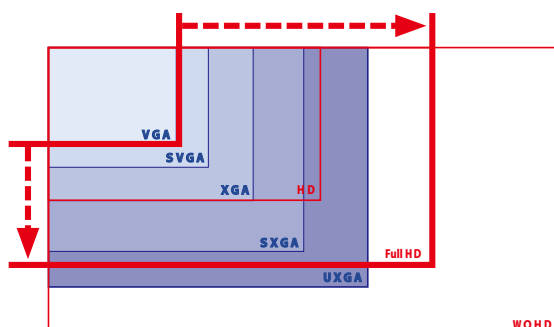


Image size comparison

The size became so large when I imported it to my computer.

GLS2820 VGA:640x480 pixel

GLS-R2820 Full HD:1920x1080 pixel



Code number	44R010	
Product / Model	G-Line Scope R2820	
Camera Head	Applicable pipe diameter	$\phi 30\text{mm}$ - $\phi 110\text{mm}$
	Flexibility	Capable of passing through two 90° elbows (> $\phi 40\text{mm}$)
	External Dimensions	$\phi 28\text{mm} \times 39\text{mm}$
	Waterproofing	Waterproof structure conforms to JIS-IP68 Waterproof to 20m
	Illumination	White LEDs (10)
Lens	Angle of view (air angle of view)	150°
	Diameter / Length	$\phi 6.6\text{mm}$ / 20m
Camera Cable	Sheath	HDPE
	Elastic body	$\phi 2.5\text{mm}$ FRP rod
	Minimum bend radius	R100 (at normal temperatures)
Camera	Imaging device	2,000,000 pixels C-MOS
	Weight	4.9kg $\pm 0.2\text{kg}$
Body	Dimensions	W: 280mm D: 195mm (with monitor folded) H: 355mm (including handle)
	Display device	5" TFT LCD colour monitor
LCD Monitor	Number of display dots	800 x 480 (WVGA)
	Still image recording / playback	Still images can be recorded and played back using JPEG format.
Data storage format	File format	Video : mp4
	Data storage medium	micro SD Card (CLASS10 or higher)
	Distance meter	Cable pull-out length can be displayed in the range of 0 to 20m (distance can be reset) error approximately $\pm 5\%$
	Detection method	Detected by cable drum rotation speed
	Screen display	Display each status on screen (date and time, distance display, battery status)
Video output	TV System	NTSC
	White balance	Fixed
	Video output	HDMI
Power supply	Input	USB TYPE-C connector DC5V3.0A
Built-in battery	Type	Lithium-ion battery AC 100V-240V 50/60 Hz
	Performance guarantee	Temperature : 0°C to +40°C Humidity : 30-90%Rh (non-condensing)
	Guaranteed operation	Temperature : -10°C to +45°C Humidity : 30-90%Rh (non-condensing)
Carrying case	Dimensions	440(W) x 300(D) x 315(H) mm
	Weight	Approx. 3.5kg

*A microSD card adapter is included.

PLASTIC PIPE TOOLS

Plastic Pipe Cutter Hyper Saw XS150S / Cutter Guide

Double insulation

89 mm - 355 mm



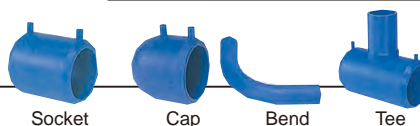
Code No.	Model	Applicable pipe (mm)	Weight (kg)
380160	Hyper Saw XS150S 220V	89 - 216	3.9
381500	Plastic Pipe Cutter Guide SV200		5.0
314051	Plastic Pipe Cutter Guide SV250	89 - 250	7.0
314052	Plastic Pipe Cutter Guide SV355	89 - 355	8.5

Saw Blade for Plastic Pipe

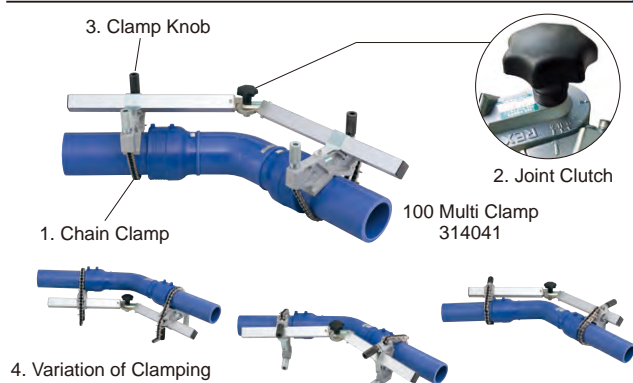
Code No.	Model	Applicable pipe (mm)
381555	Saw Blade for Rex Hyper Saw No. 25	89 - 216
314055	Saw Blade 450 for Plastic Pipe	89 - 250
314056	Saw Blade 480 for Plastic Pipe	89 - 355

Plastic Pipe tool Multi-clamp

Clamp for socket joint ▶



50 - 200



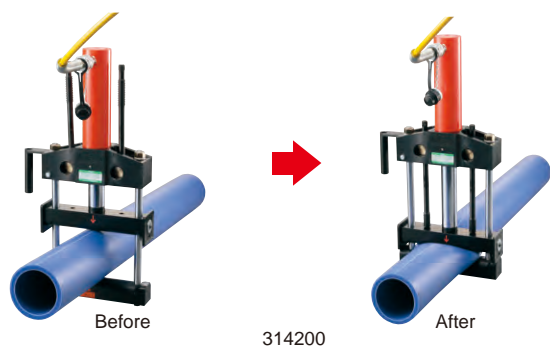
- Chain clamp allows for wide range of applicable sizes.
100: nominal size 50, 75, 100 200: nominal size 100, 150, 200
- Easy angle adjustment: 32 teeth on clutch for angle adjustment.
- Clamp knob for easy fastening.
Large clamp knob and built-in screw improves maintenance.
- 4-way clamp setting.
4 ways of setting: upper, lower, outside and inside.

Code No.	Model	Applicable Size (Nominal)	Applicable joint
314041	100-II Multi Clamp	50 - 65 - 75 - 100	Socket, Bend, T-type, Single socket (S.S.) straight, S.S. bend, S.S. Tee
314042	200-II Multi Clamp	100 - 125 - 150 - 200	

SHUT-OFF TOOL 50, 75, 100

For sale in Japan only

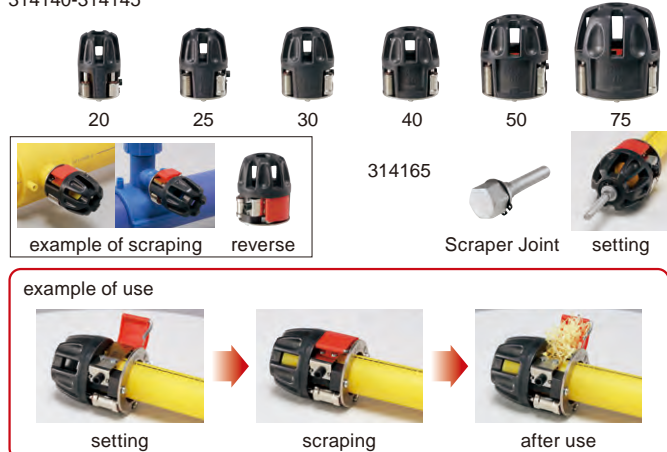
25 - 100



Code No.	Model	Applicable Size (Nominal)
310488	Shut-off Tool 50-II	25 - 50
310493	Hydraulic Shut-off Tool 75	25 - 75
311400	Hydraulic Shut-off Tool 100 for Gas	50 - 100
314200	Hydraulic Shut-off Tool 100 for Water	50 - 100
310495	Hydraulic Pump for SoT.100	-
310496	Hydraulic Pump Hose for SoT.100	-

PE PIPE SCRAPER / PE Pipe Scraper

314140-314145



Code No.	Model	Applicable pipe size (Nominal)
314140	Scraper AW20	20
314141	Scraper AW25 / Gas25	25
314142	Scraper AW30 / Gas30	30
314143	Scraper AW40 / Gas40	40
314144	Scraper AW50 / Gas50	50
314145	Scraper AW75 / Gas75	75
314153	Scraper JW50	50
314154	Scraper JW75	75
314165	Scraper Joint	-
314160	Scraper Blade 20	20
314161	Scraper Blade 25-40	25 - 40
314162	Scraper Blade 50-75	50 - 75

High-efficiency Oxygen Solution System

High-efficiency Oxygen Solution System

O₂max

RS-10/20/30/50

Provides high density oxygenated water produced in a tank, instead of direct aeration in a pool

The ultimate solution for improving water quality in aquaculture farms

Special Features

- The oxygen solution is about 5 times greater than in the natural state (internal data)
- Accelerates growth of aquatic life, with less cost
- Control system with warning lamp
- Removes nitrogen
- Resin body protects from corrosion by sea water or copper ion water.



RS-30
403506 / 403507



Code	403502 (403503)	403504 (403505)	403506 (403507)	403508 (403509)
Model	RS-10	RS-20	RS-30	RS-50
Recommended discharge rate (L/min)	120	400	700	900
Power consumption (W/kw)	905 (0.75)	2760 (2.2)	4580 (3.7)	7000 (5.5)
Rated current (A)	3.7	10.2	17.2	25.3
Motor	3-phase AC 200V 50Hz (60Hz)			
Dimensions (mm)	W740 x D740 x H1853	W915 x D915 x H2114	W915 x D915 x H1989	W1120 x D1190 x H1885
Weight (kg)	190	258	285	340

Oxygen generator RSN-15L



Control system equipped with warning lamp for safe operation

Oxygen generator RSN-15L
403010 / 403015

Code No.	403010 (403015)
Dimensions (mm)	W1300 x D650 x H1300
Weight (kg)	230
Motor	3-phase AC 200V 50Hz (60Hz)
Power consumption	1506W
O ₂ flow pressure	0.06MPa - 0.1MPa
O ₂ flow rate	1 - 7L x 2 (Total 14L)
O ₂ density	70 - 93%
Ambient temperature	5 - 40°C
Ambient moisture	80% or less
Noise rate	50db (2m away)

* O₂ flow rate is adjustable.

Micro-bubbler RV-007

Clogging indication tube safeguards a steady water flow



Micro-bubbler RV-007
403500

Code No.	403501 (403500)
Dimensions (mm)	W460 x D850 x H540
Weight (kg)	28
Motor	3-phase AC 200V 50Hz(60Hz)
Power consumption	1500W
Rated current	7.1A (7.3A)