

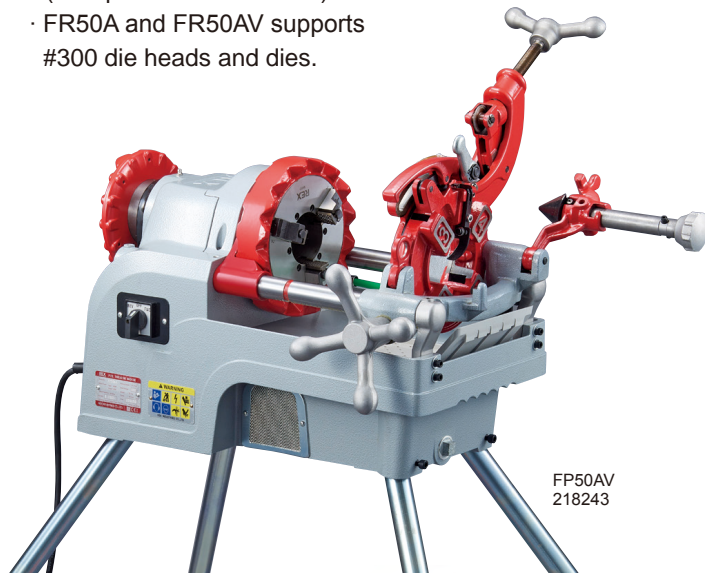
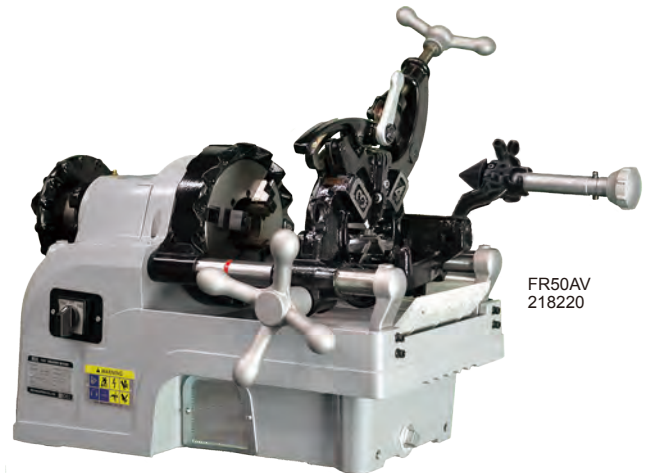
FP50A / FR50A Series

8A - 50A (1/4" - 2")

Standard Model 1/2"-2"

A best seller among compact machines!

- Small but powerful 1000W series Universal motor.
- Easy to use, high productivity, excellent portability - only 48 kg.
- Pipe size can be adjusted simply by turning the lever nut.
- Thread length can be adjusted by just changing the lever contact.
(except Manual Die-head)
- FR50A and FR50AV supports
#300 die heads and dies.

FP50AV
218243FR50AV
218220

Manual Die-head



NV-auto Die-head



Manual Die-head



NV-auto Die-head



Uni-auto Die-head

5075 Roller Blade for PLP
(option)

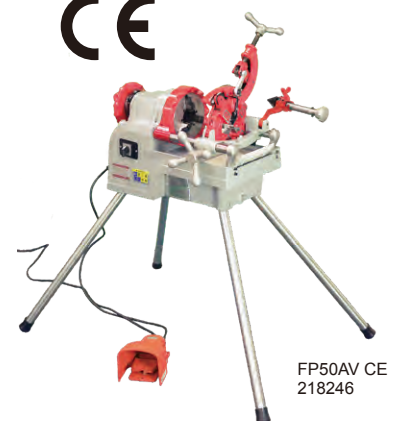
Standard Accessories:

- Cutting Oil (50W-R) 2 L
- Hex key 3, 4, 5, 6 mm, Dies 1/2"-3/4", 1"-2" 1 set each
- Die-head 1/2"-2"

	Code No.	Model	Voltage	Rotation	Dies type	Die-head	Remarks
FP50A	218681	FP50A	220 V	R only	BSPT	Manual 1/2" - 2"	
	218682	FP50A	110 V	R only	BSPT	Manual 1/2" - 2"	no legs
FP50AV	218243	FP50AV	220 V	R only	BSPT	NV-auto 1/2" - 2"	
	218249	FP50AV	220 V	R only	NPT	NV-auto 1/2" - 2"	
	218246	FP50AV CE	230 V	R/L	BSPT	NV-auto 1/2" - 2"	with Foot Switch
	218247	FP50AV	110 V	R only	BSPT	NV-auto 1/2" - 2"	no legs
	218248	FP50AV	220 V	R only	BSPT	Uni-auto 1/2" - 2"	PLP
	218251	FP50AV CE**	110 V	R/L	BSPT	NV-auto 1/2" - 2"	with Foot Switch
	218245	FP50AV	220 V	R only	BSPT	Uni-auto 1/2" - 2"	
	218250	FP50AV	220 V	R only	BSPT	NV-auto 1/2" - 2"	G-plug
	218224	FR50AV	220 V	R only	BSPT	NV-auto R 1/2" - 2"	G-plug
	218220	FR50AV CE	230 V	R/L	BSPT	NV-auto R 1/2" - 2"	with Foot Switch
FR50AV*	218222	FR50AV CE**	110 V	R/L	BSPT	NV-auto R 1/2" - 2"	with Foot Switch
FR50A*	218652	FR50A CE**	110 V	R/L	BSPT	Manual R 1/2" - 2"	with Foot Switch

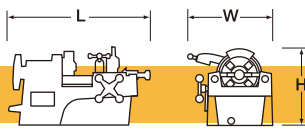
*Caution: The FR50A and FR50AV do not support Die-head and Dies of other REX models.

**CE, UKCA models

FP50AV CE
218246

Threading Capacity (in.)	Motor Voltage (50/60 Hz) AC (V)	Universal motor Single-Phase	Rotation Speed (Unloaded) (rpm)	Weight*** (kg)	Dimensions L x W x H (mm)
1/4 - 2	110-120 or 220-230	Input 1600 W Output 1000 W	38	48	625 x 400 x 400

*** without DH



NP80A Series

8A - 80A (1/4" - 3")

Standard Model 1/2"-3"

A machine that gives you the best finish you've ever seen!

Based on a totally new concept, the NP80A is designed to be user-friendly, easily maintained and completely reliable. A machine you can really trust. Easy to use, high productivity, excellent portability. A machine that gives you total control and satisfaction on the job.



NP80A
274670



NV-auto Die-head
(for 1/2"-2" pipe)
NP80AV/AVIII

Makes a smooth, beautifully finished tapered thread with ease.



NP80A CE
274672

Standard Accessories:

- Carbon Brushes 1 pair, Cutting Oil (50W-R) 4 L
- Hex key 3, 4, 5, 6 mm, Dies 1/2"-3/4", 1"-2", 2 1/2"-3" 1 set each
- Die-head 1/2"-2", 2 1/2"-3" one each



Manual Die-head
(for 1/2"-2" pipe)
NP80A



Manual Die-head
(for 2 1/2"-3" pipe)
NP80AV/AV



Uni-auto Die-head
(for 1/2"-2" pipe)
NP80AV/AVIII



Self-opening Die-head
(for 2 1/2"-3" pipe)
NP80AVIII



The Die-head is fitted with a micro fine-adjustment dial to simplify fine-adjustment of the thread for each size of pipe. (Self-opening Die-head)

	Code No.	Model	Voltage	Rotation	Dies type	Die-head	Remarks
NP80A	274670	NP80A	220 V	R only	BSPT	Manual 1/2" - 2" + Manual 2 1/2" - 3"	
	274672	NP80A CE	110 V	R/L	BSPT	Manual 1/2" - 2" + Manual 2 1/2" - 3"	with Foot Switch
	274673	NP80A	110 V	R only	BSPT	Manual 1/2" - 2" + Manual 2 1/2" - 3"	no legs
NP80AV	274750	NP80AV	220 V	R only	BSPT	NV-auto 1/2" - 2" + Manual 2 1/2" - 3"	G-plug
	274751	NP80AV CE	230 V	R/L	BSPT	NV-auto 1/2" - 2" + Manual 2 1/2" - 3"	with Foot Switch
	274752	NP80AV	220 V	R only	BSPT	Uni-auto 1/2" - 2" + Manual 2 1/2" - 3"	
	274753	NP80AV	220 V	R only	NPT	NV-auto 1/2" - 2" + Manual 2 1/2" - 3"	
	274754	NP80AV	220 V	R only	BSPT	NV-auto 1/2" - 2" + Manual 2 1/2" - 3"	
NP80AV III	274701	NP80AV III CE	230 V	R/L	BSPT	NV-auto 1/2" - 2" + Self-opening 2 1/2" - 3"	with Foot Switch
	274702	NP80AV III	220 V	R only	BSPT	Uni-auto 1/2" - 2" + Self-opening 2 1/2" - 3"	

Threading Capacity (in.)	Voltage (50/60 Hz) AC (V)	Universal motor Single-Phase	Rotation Speed (Unloaded) (rpm)	Weight* (kg)	Dimensions L x W x H (mm)
1/4 - 3	110-120 or 220-230	Input 1600 W Output 1000 W	29	67	690 x 490 x 423

* without DH

N100A

8A - 100A (1/4" - 4")

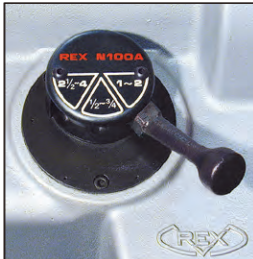
Standard Model 1/2"-4"

Efficient 3-speed transmission speeds up your work.

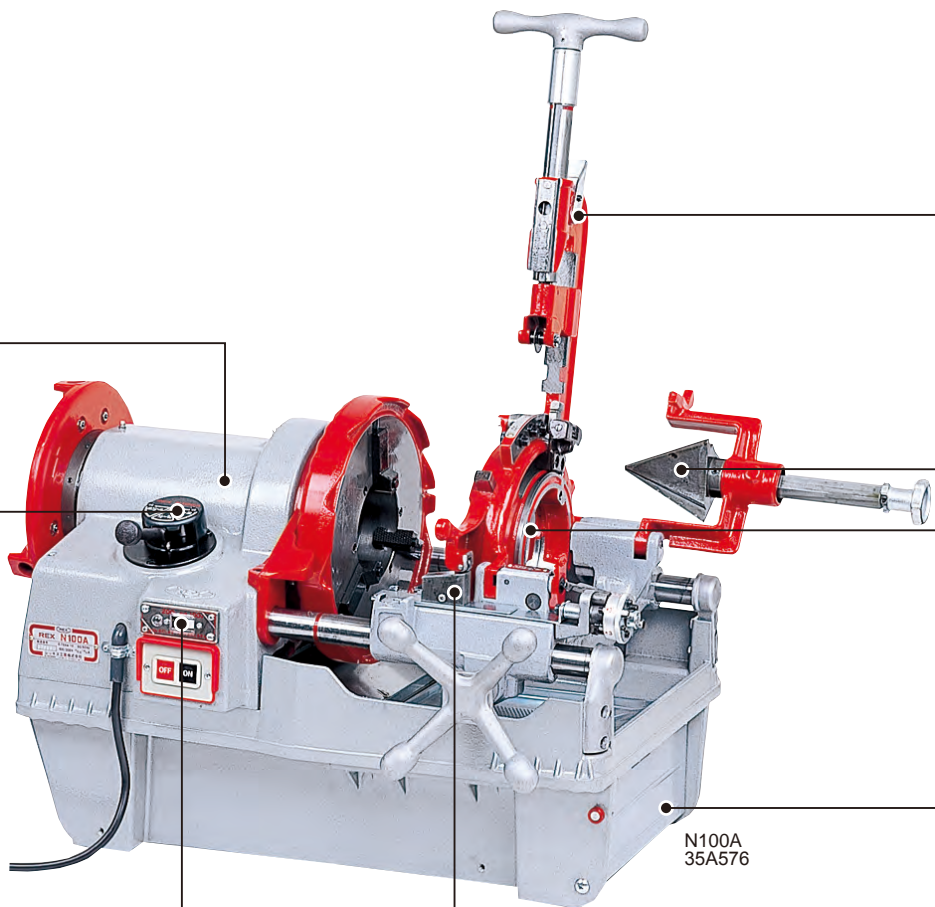
- Less than 100 sec to make a perfect 4" pipe taper thread. Less than 20 sec for a 1" pipe taper thread.
- Uni-auto Die-head for 1/2" - 2" pipe. Dies are compatible with NP50A/NP80A Manual Die-heads and Uni-auto Die-heads.
- Profiling Die-head for 2 1/2" - 4" pipe. REX original profiling system enables precise, straight tapers, with 20 mm dies performing at higher speed and requiring less power consumption.
- Quick adjustable cutter.
- Quiet, maintenance-free condenser motor.
- Built-in tool box is convenient for on-site work.
- Large-capacity scrap catcher.
- Threading size, thread length, and microfine adjustment of thread diameter can all be adjusted easily.
- Compact and lightweight for its class (123 kg), it can be set up by just two people.
- NV-auto and Manual Die-heads can be mounted as options.



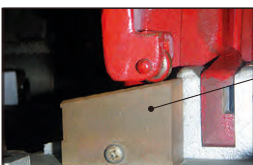
The condenser motor is quiet yet very powerful. As it does not use carbon brushes, it is basically maintenance free.



A choice of 3 speeds enables you to select the best speed for the size of pipe.



Model with voltage shift switch available. (35A576/35A602)

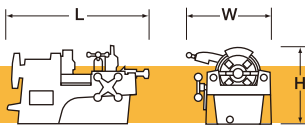


Profiling board for NPSM (Option) J109

With REX' original profiling system, you can make accurate tapers and easily adjust thread length.



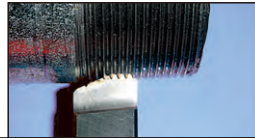
N100A Caster (Option) 1702AJ



The cutter has a built-in function for quick adjustment to the pipe diameter.



Round cone based reamer (2 blades)



With 20 mm-wide profiling dies, the load is reduced, which makes it easy on the motor.



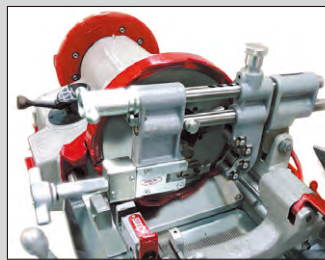
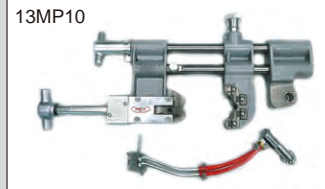
Built-in tool box

Standard Accessories:

- Cutting Oil (246-R or 50W-R) 4 L
- Hex key 3, 4, 5, 6, 8 mm,
Dies ½"-¾", 1"-2", 2½"-4" 1 set each
- Die-head ½"-2", 2½"-4" one each

BLADE-TYPE CUTTER (Option)

Blade-type cutter for plastic lined pipe, and hard and thick pipe



Blade-type cutter on N100A



Blade
13E846



Uni-auto Die-head
(for ½"-2" pipe)



Profiling Die-head
(for 2½"-4" pipe)



N100A CE
35A513

Code No.	Voltage	Dies type	Remarks
35A570	220 V 50 Hz	BSPT	
35A576	110/220 V 60 Hz	BSPT	
35A578	110 V 60 Hz	BSPT	no legs
35A580	220 V 50/60 Hz	NPT	
35A591	220 V 60 Hz	BSPT	G-plug
35A599	120 V 60 Hz	NPT	
35A513	230 V 50 Hz	BSPT	CE+Foot Switch
35A602	110/220 V 50 Hz	BSPT	CE+Foot Switch
35A5H0	230 V 50 Hz	NPT	CE+Foot Switch

• Die-head: Uni-auto ½"-2" + Profiling 2½"-4"

Threading Capacity (in.)	Voltage (50 or 60 Hz) AC (V)	Condenser motor Single-Phase	Rotation Speed (Unloaded) (rpm)	Weight* (kg)	Dimensions L x W x H (mm)
¼ - 4	110/220 - 230 or 120	Output 750 W or 1000 W	43 (½" - ¾")	123	873 x 635 x 558
			24 (1" - 2")		
			13 (2½" - 4")		

* without DH

F25A Series

8A - 25A (1/4" - 1")

Standard Model 1/2"-1"

A threading machine you can carry with just one hand!

The mighty lightweight, built in safety features, too

Features

- Compact, lightweight, fast threading
- Double insulation motor employs a break to enhance safety.
- Optional self-opening Die-head for 1/4"-3/8" available

Operability

- Powerful Motor completes a 1" thread in only 16 seconds.
- Special ball bearings used for the main shaft bearing.
- Larger stroke for carriage move
- Carriage handle designed for easy operation
- Excellent durability provides improved machine service life and precision.

Safety

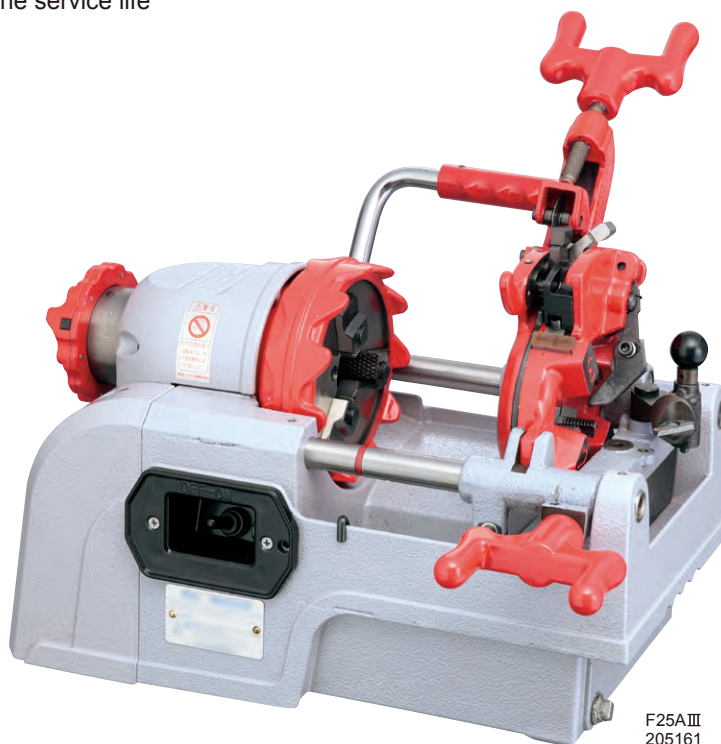
- Motor has a built-in brake designed to prevent entangling.
- Switch mechanism protects Die-head from colliding with the hand wheel when threading short pipes.
- Double insulation motor
- Motor equipped with auto-stop carbon brushes
- Low centre of gravity designed for safety



Self-opening
Die-head for F/NS25A



Manual-opening
Die-head for F/NS25A



F25AIII
205161

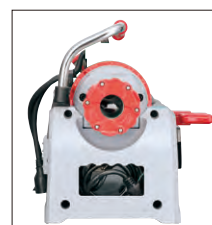
Standard Accessories:

- Cutting Oil (50W-R 1L x 2 or 100SW-RN 0.5L x 4)
- Hex Key 3, 5 mm, Dies 1/2"-3/4", 1" 1 set each
- Die-head 1/2"-1"

	Code No.	Die-head	Voltage	Dies type
F25A	205151	Manual 1/4" - 1"	220 V	BSPT
	205153	Manual C19 - 39	220 V	C (conduit)
F25AIII	205160	Self-opening 1/2" - 1"	110 V	BSPT / HSS
	205161	Self-opening 1/2" - 1"	220 V	BSPT



Anti-crash switch: Switch protects Die-head from touching hand wheel



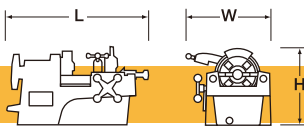
Cord storage pocket functions as hand grip, too



Easy to carry

Threading Capacity (in.)	Voltage (50/60 Hz) AC (V)	Universal motor Single-Phase	Rotation Speed (Unloaded) (rpm)	Weight* (kg)	Dimensions L x W x H (mm)
1/4 - 1	110-120 or 220	Output 400 W	55	19.8	440 x 329 x 356

* without DH



S40A

8A - 40A (1/4" - 1 1/2")

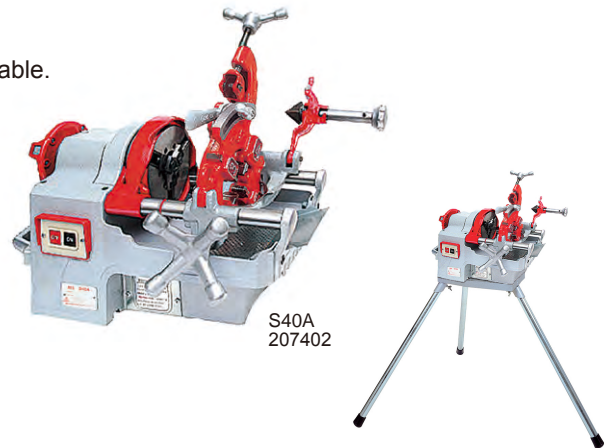
Standard Model 1/2"-1 1/2"

The lighter touch!

- Small but powerful 500 W Universal motor.
- Easy to use, high productivity, excellent portability.
- Both Manual Opening (S40A) and Uni-auto (S40AV) Die-heads available.
- Pipe size can be adjusted simply by turning the lever nut.
- Thread length can be adjusted just by changing the lever contact.
(Uni-auto Die-head)
- Die-cast body allows high precision and stable threading.
- A machine backed by a history of perfection.

Standard Accessories:

- Cutting Oil (50W-R) 2L · Die-head 1/2"-1 1/2"
- Hex Key 3, 5 mm, Dies 1/2"-3/4", 1"-1 1/2" 1 set each



	Code No.	Die-head	Voltage	Dies type
S40A	207402	Manual 1/2" - 1 1/2"	110 V	BSPT / SUS
S40AV	207540	Uni-auto 1/2" - 1 1/2"	110 V	BSPT / SUS

Threading Capacity (in.)	Voltage (50/60 Hz) AC (V)	Universal motor Single-Phase	Rotation Speed (Unloaded) (rpm)	Weight* (kg)	Dimensions L x W x H (mm)
1/4 - 1 1/2	110V only	Output 500 W	56	32	540 x 345 x 355

* without DH

150A

65A - 150A (2 1/2" - 6")

Large-diameter pipe threading machine.

- Uses condenser motor for quiet operation.
- Efficient 2-speed transmission speeds up work.
- Powerful hammer chuck holds large-diameter pipes securely.
- Uses notch profiling Die-head, suitable for threading large-diameter pipes.
- The notch profiling Die-head has low cutting resistance for optimum threading of large-diameter pipes.
- Threading size, thread length and microfine adjustment of thread diameter can all be adjusted easily.

Profiling board
for NPSM (Option)
A129



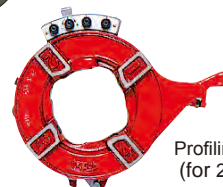
150A
366500

Standard Accessories:

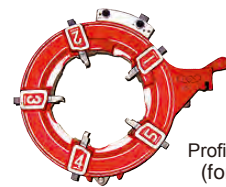
- Cutting Oil (246-R or 50W-R) 4 L
- Hex key 3, 4, 5, 6, 8 mm, Dies 2 1/2"-4", 5"-6" 1 set each
- Die-head 2 1/2"-4", 5"-6" one each
- 4 legs

Code No.	Voltage	Dies type	Remarks
366500	220 V 50Hz	BSPT	
366602	220 V 60Hz	BSPT	G-plug
366616	220 V 60Hz	NPT	G-plug
366617	120 V 60Hz	NPT	

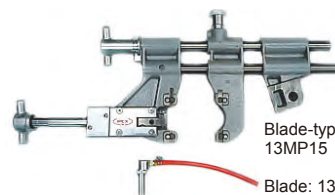
• Die-head: Profiling 2 1/2" - 4" + Profiling 5" - 6"



Profiling Die-head
(for 2 1/2"-4" pipe)



Profiling Die-head
(for 5"-6" pipe)



Blade-type cutter (Option)
13MP15
Blade: 13E846



150A Caster (Option)
1702AU

Threading Capacity (in.)	Voltage (50 or 60 Hz) AC (V)	Condenser motor Single-Phase	Rotation Speed (Unloaded) (rpm)	Weight* (kg)	Dimensions L x W x H (mm)
2 1/2 - 6	120 or 220	Output 750 W	2 1/2" - 3" : 18 (50Hz) , 22 (60Hz)	170	930 x 688 x 590
			3 1/2" - 6" : 6 (50Hz) , 7 (60Hz)		

* without DH

Optional Accessories

CUTTER WHEELS for threading machines

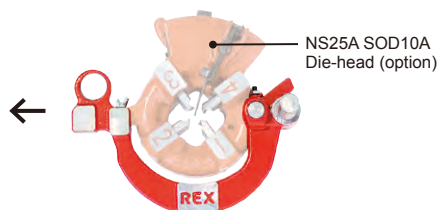


Code No.	Model	Use
135076	Cutter Wheel for threading machines 40A-150A	Steel pipe
135070	Cutter Wheel for threading machines 20A-25A	
135077	Cutter Wheel for stainless steel pipes 40A-150A	Stainless steel pipe
135071	Cutter Wheel for stainless steel pipes 20A-25A	

1/4" - 3/8" Die-head Holder

Enables 1/4" - 3/8" self-opening Die-heads to be used on your existing 40A-100A machines.

Code No.	Model	Appropriate machine
170020	1/4" - 3/8" Die-head Holder	S40A, P50A, NP50A, S80A, NP80A, N100A



MAGNETER



Magner
17027A



The most suitable tool for removing scrap from the machine oil tank (Magner).

Code No.	Model	Dimensions (mm)	Weight (g)
17027A	Magner	Φ60 x Φ98 x 198	270

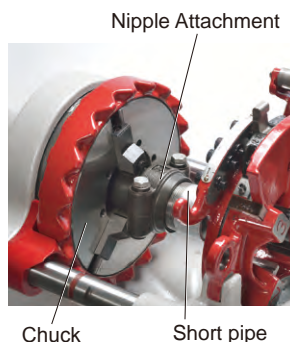
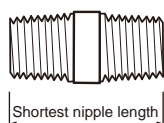
NIPPLE ATTACHMENTS

15A - 100A (1/2" - 4")

Saves wasting short pipes. Suitable for internally coated pipes.



Nipple Attachment (1/2")
1701NA



Chuck

Short pipe

Code No.		Model	Size	Shortest length (mm)	Weight (kg)
BSPT	NPT				
1701NL	—	Nipple attachment 3/8"	10A	55	1.5
1701NA	1701N0	Nipple attachment 1/2"	15A	45	1.5
1701NB	1701N1	Nipple attachment 3/4"	20A	50	1.5
1701NC	1701N2	Nipple attachment 1"	25A	55	1.5
1701ND	1701N3	Nipple attachment 1 1/4"	32A	65	1.9
1701NE	1701N4	Nipple attachment 1 1/2"	40A	65	1.9
1701NF	1701N5	Nipple attachment 2"	50A	70	2.0
1701NG	1701N6	Nipple attachment 2 1/2"	65A	75	3.2
1701NH	1701N7	Nipple attachment 3"	80A	80	3.5
1701NK	1701N9	Nipple attachment 4"	100A	100	4.6
—	—	Nipple attachment T-wrench	M10×17	—	—

THREAD GAUGES

15A - 150A (1/2" - 6")



- Refer to Pg. 61(Thread Inspection) for how to use the thread gauge

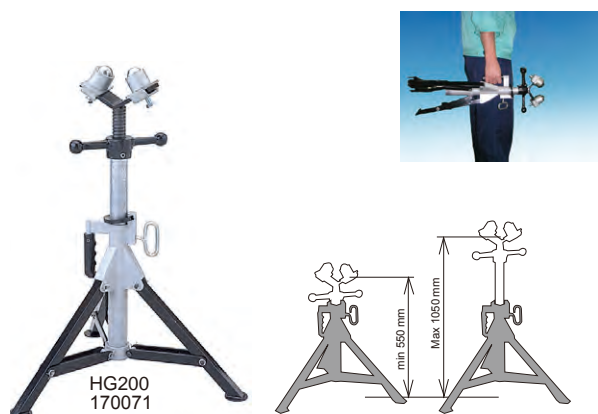
For checking male taper threads BSPT.

Code No.	Model	Size
473001	Thread Gauge Set 1/2"-1"	15A, 20A, 25A with metal case
473002	Thread Gauge Set 1/2"-2" **	15A, 20A, 25A, 32A, 40A, 50A
473010	Thread Gauge 1/2"	15A
473011	Thread Gauge 3/4"	20A
473012	Thread Gauge 1"	25A
473013	Thread Gauge 1 1/4"	32A
473014	Thread Gauge 1 1/2"	40A
473015	Thread Gauge 2"	50A
473016	Thread Gauge 2 1/2"	65A
473017	Thread Gauge 3"	80A
473019	Thread Gauge 4"	100A
473020*	Thread Gauge 5"	125A
473021*	Thread Gauge 6"	150A

* Produced to order ** with plastic case

PIPE SUPPORT HG200

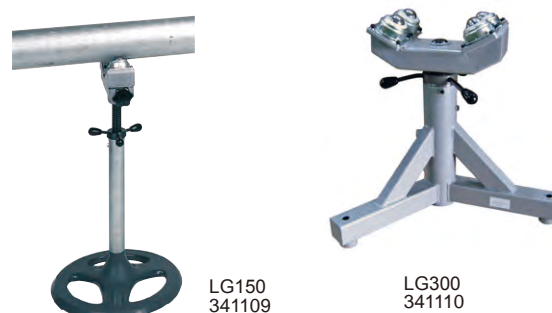
25A - 200A (1" - 8")



Code No.	Model	Height (mm)	Applicable Pipe (in.)
170071	Pipe Support HG200	550 - 1050	1 - 8

PIPE SUPPORT LG150/LG300

25A - 300A (1" - 12")



Code No.	Model	Height (mm)	Applicable Pipe (in.)
341109	Pipe Support LG150	629.5 - 794.5	1 - 6
341110	Pipe Support LG300	471 - 668	8 - 12

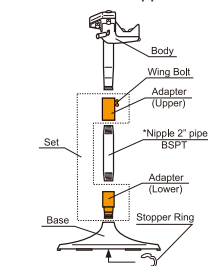
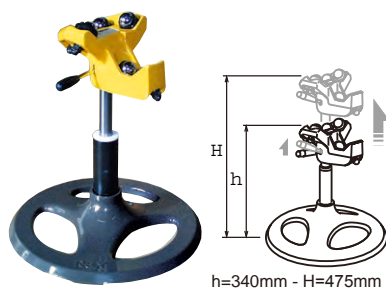
Hi-SUPPORT III HS-150

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

Height can easily be adjusted with strangle lever thanks to a special gas spring.

Option

ADAPTER III for Hi-Support III



*Use an available 2" pipe to extend the height freely.
(Ask for details)

Code No.	Model	Height (mm)	Applicable Pipe (in.)
170051	Hi-Support III HS-150	340 - 475	1 - 6
170057	ADAPTER III	—	—

F/NS25A SUPPORT



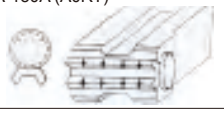







8A - 25A (1/4" - 1")

NS25A Support
170030

Code No.	Model	Height (mm)	Applicable Pipe (in.)
170030	NS25A Support	165 - 230	1/4 - 1

Optional Accessories

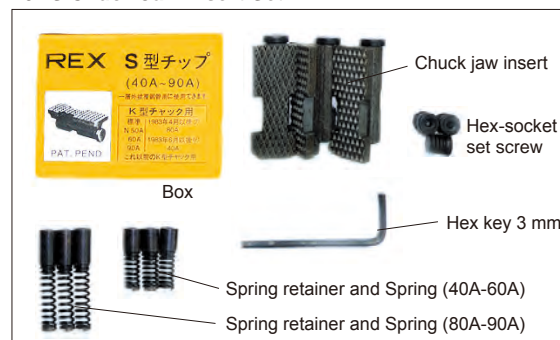
Chuck Jaw Insert Table

Chuck Type	Chuck jaw insert type	Image	Current Machine	Old Machine
RT-type	RT50A-80A (70RT) 		-	32A 60AⅢ 50ADX N50A Non-CE N80A Non-CE S80A Non-CE mini 40A 90AⅢ 80ADX
	RT100A-150A (A0RT) 		N100A Non-CE 150A	100ADX
	NS type (G0NS) 		F25A/NS25A	N40A CE
	RS type 100A-150A (A0RS) 		N100A CE	-
K-type	S type 40A-90A (70KS) 		FP50A/FR50A NP80A	N50A CE R50A(V) 60AⅢ TW mini 40A after Jun 1983 S80A CE, TW, NP50A/NR50A P50A(V) N80A CE 90AⅢ EU

Current Machine	Brush Code
NS25A, S40A	MYM2
FP/FR50A, FPG150	PQEE
NP80A	PMM10
RG150	FM10

Old Machine	Brush Code
N25A	TYM2
N40A	GM10
N50A, P50A, R50A	NM10
NP/NR50A, NPG150	PMM10
N80A, S80A	FM10
80ADX (100V)	7M10

70KS Chuck Jaw Insert Set



SCRAPER

Enables clean reaming on the inside of cut pipe



Code No.	Model	Use
471991	Scraper	for Steel pipe, Copper tube
471992	Blade for Scraper (10pcs/pack)	

MULTI REAMER

Φ8 - Φ54

40 blades, high durability!

Reaming both inside and outside of pipe / tube.

Applicable pipe: Stainless steel pipe, Copper tube, Aluminium pipe, Steel pipe, and Plastic pipe.



Code No.	Model	Capacity	Weight (g)
382250	Multi Reamer	Φ10 - Φ54	390
382255	Multi Reamer Mini	Φ8 - Φ30	210

CUTTING OIL - PROVIDES SUPERIOR COOLING

4,16,18,200 L

Cutting oil cools the workpiece to produce a superior threading finish.

Genuine REX Cutting Oil for REX Pipe Threading Machines



Using the right oil means consistent finishes and increases the life of the Dies. (Refer to Pg. 61)

REX cutting oil does not use environmental endocrine disrupters stated in the PRTR protocol* (June, 2002) .

* PRTR: (Pollutant Release and Transfer Register)

·You can download SDS (Safety Data Sheet) regarding REX Thread Cutting Oil from REX' homepage (www.rexind.co.jp).



(JWWA K-137)
Japan Water Works
Association Standard



183003



183001

50W-R

Water washable, suitable for mains water pipes that need washing after threading.



183012



183011

100SW-RN

A special oil developed for use with stainless steel pipes requiring an extremely high lubrication oil.



186610



181613

246-R

An oil for general plumbing use suitable for both lubricating and cooling. Especially useful when cutting at low speed.

Code No.	Name	Quantity	Remarks
181613	246-R	4 L	Standard
186610	246-R	18 L	
186611	246-R	200 L	
183001	50W-R	4 L	Water washable
183003	50W-R	16 L	
183004	50W-R	200 L	
183014	100SW-RN	4 L	For Stainless Steel Pipe only
183015	100SW-RN	16 L	
183016	100SW-RN	200 L	

Compatibility table

	Model	50W-R	246-R	100SW-RN
Use	Stainless Steel Pipe			●
	General Plumbing	●	●	
	Mains Water Supply	●		
Special Functions	Threading Finish	●	●	●
	Pipe Washing Finish	●		●
	Cooling	●	●	●
	Lubrication	●	●	●
	SDS	●	●	●