

# AutoGRIPPER (Standard Type) Stud Extractor/Installer

**The AutoGRIPPER is the tool of choice for removing or inserting studs in a wide variety of applications:**

- Turbines
- Flanges
- Diesel Engines
- Stop Valves
- Compressors
- Manway Covers
- Boiler Feed Pumps
- Heavy Equipment
- Heat Exchangers
- Hydro-Cracker Units
- Pulp Dryers
- Roll Pins

## **Fast**

Removes studs in a fraction of the time needed for conventional methods, saving critical path hours.

## **Cost Effective**

Greatly reduces maintenance and turnaround man-hours, equipment costs and tooling required to remove studs.

## **Non-Destructive**

Minimal damage to the stud even when gripping on threads.

## **Safe**

The AutoGRIPPER has the ability to remove studs quickly, greatly reducing crew time and exposure in hazardous or radioactive environments (ALARA).

## **Easy**

Requires minimal training, set-up and support equipment. The gripping cartridge can be conveniently removed for cleaning and replacement.



For general maintenance, outages, shutdowns or turnarounds, frozen studs cost hundreds of man-hours and thousands of dollars each year. The AutoGRIPPER is a simple, safe and cost-effective tool for removing stubborn fasteners.

The AutoGRIPPER is designed with a square drive to accept the pneumatic impact wrench and houses a one piece gripping cartridge containing the three gripping jaws. The AutoGRIPPER cartridge is the only moving part of the tool.

The end containing the gripping cartridge slides down over the stud to be removed. As the motion of the impact wrench turns the AutoGRIPPER, the three jaws lock on the stud forming a solid link between the wrench and the stud. The tremendous impact force of the wrench is transmitted evenly down the center of the stud causing it to break-free from the threaded imbedment.

Once the stud is unscrewed from it's housing, simply reverse the impact wrench and the stud can be released from the AutoGRIPPER. Routine maintenance of the AutoGRIPPER consists of regular cleaning and lubrication of the gripper cartridge.



# AutoGRIPPER Sizes



Standard Extractors		
Stud Diameter	Extractor Model #	SQ Drive Size
3/8"	SR006	1/2"
7/16"	SR007	1/2"
1/2"	SR008	1/2"
5/8"	SR010	1/2"
3/4"	SR012	1/2"
7/8"	SR014	1"
1"	SR100	1"
1-1/8"	SR102	1-1/2"
1-1/4"	SR104	1-1/2"
1-3/8"	SR106	1-1/2"
1-1/2"	SR108	1-1/2"
1-5/8"	SR110	1-1/2"
1-3/4"	SR112	1-1/2"
1-7/8"	SR114	1-1/2"
2"	SR200	2-1/2"
2-1/4"	SR204	2-1/2"
2-1/2"	SR208	2-1/2"
2-3/4"	SR212	2-1/2"
3"	SR300	3-1/2"
3-1/4"	SR304	3-1/2"
3-1/2"	SR308	3-1/2"
3-3/4"	SR312	3-1/2"
4"	SR400	3-1/2"
4-1/2"	SR408	3-1/2"
4-7/8"	SR414	3-1/2"
5"	SR500	3-1/2"
6"	SR600	4"

Standard Installers		
Stud Diameter	Installer Model #	SQ Drive Size
3/8"	SI006	1/2"
7/16"	SI007	1/2"
1/2"	SI008	1/2"
5/8"	SI010	1/2"
3/4"	SI012	1/2"
7/8"	SI014	1"
1"	SI100	1"
1-1/8"	SI102	1-1/2"
1-1/4"	SI104	1-1/2"
1-3/8"	SI106	1-1/2"
1-1/2"	SI108	1-1/2"
1-5/8"	SI110	1-1/2"
1-3/4"	SI112	1-1/2"
1-7/8"	SI114	1-1/2"
2"	SI200	2-1/2"
2-1/4"	SI204	2-1/2"
2-1/2"	SI208	2-1/2"
2-3/4"	SI212	2-1/2"
3"	SI300	3-1/2"
3-1/4"	SI304	3-1/2"
3-1/2"	SI308	3-1/2"
3-3/4"	SI312	3-1/2"
4"	SI400	3-1/2"
4-1/2"	SI408	3-1/2"
4-7/8"	SI414	3-1/2"
5"	SI500	3-1/2"
6"	SI600	4"

