

ELECTRICAL TOOLS

PRODUCT CATALOG



ELECTRICAL CONTRACTORS HAVE ALWAYS TRUSTED RIDGID® TO MAKE GREAT TOOLS. WE MADE THIS ONE JUST FOR YOU.

Introducing the world's most versatile electrical tool. The RE 6 from RIDGID® features our patent-pending RIDGID® QuickChange System™, allowing you to quickly and easily switch between interchangeable heads for cutting, crimping and punching. Now your most critical tasks can be accomplished with one innovative tool. No more back and forth to the truck, searching for different tools or sorting through cumbersome dies, inserts and adapters. Whether you're cutting wire, crimping lugs or punching boxes, the RE 6 helps you maximize your productivity and efficiency on the jobsite.



DO MORE



CARRY LESS

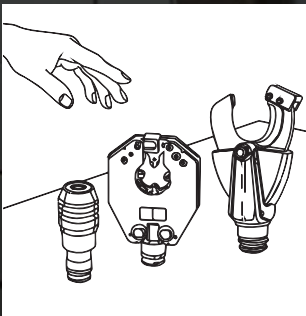


BE EFFICIENT

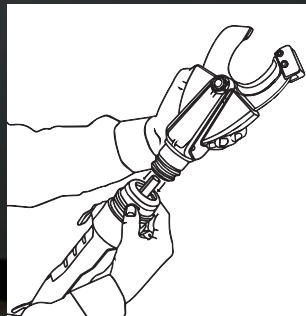
THE RIDGID® QUICKCHANGE SYSTEM™



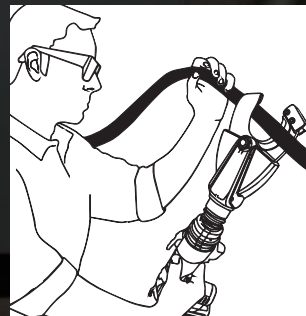
HOW IT WORKS:



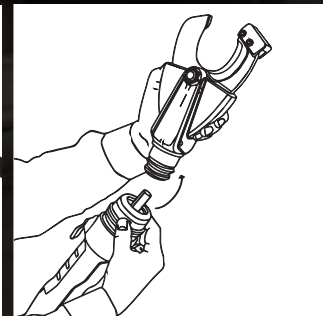
1. Select the appropriate interchangeable head for the job.



2. Pull back on QCS™ collar and insert the head; release the collar until it clicks into place.



3. Complete the job — cut, crimp or punch.



4. Remove the head by pulling the QCS™ collar toward the base of the tool.

RE 6



- Cut wire, crimp lugs and punch boxes with just one tool via the patent-pending RIDGID® QuickChange System.™
- 3-in-1 tool saves valuable cargo space and comes in a single, easy-to-carry plastic case.
- Inline design for easy, one-handed operation even in tight spots.
- Industry-leading service interval maximizes uptime on the job site.
- No cumbersome dies, inserts or adapters.
- 360° head rotation.
- Bright white LED workspace illumination light.
- Backed by the RIDGID Lifetime Warranty.

CUTTING AND CRIMPING CAPACITY:	Up to 750 kcmil (MCM)
PUNCH CAPACITY:	Up to 3.5" mild and stainless steel
APPROX. CYCLE TIME:	5 seconds
SERVICE INTERVAL:	32,000 cycles
HYDRAULIC RAM OUTPUT:	6-tons (60kN)
WEIGHT:	6.4lbs (2,9kg) with battery

KEY PERFORMANCE FEATURES

AUTOMATIC RAM RETRACTION

During cutting and crimping, the ram will automatically retract once the cycle is completed. Punching applications require use of the release trigger.

POWER

RIDGID 18V Advanced Lithium Battery Platform.

ONBOARD DIAGNOSTICS

Built-in sensors and LED indicators ensure tool performance, allow the tool to operate in extreme temperatures (15°-122°F/-10°-50°C), monitor battery life and indicate when the tool requires service.

CATALOG NO.	DESCRIPTION	WEIGHT	
		LB.	KG
44343	RE 6 Tool Kit w/SC-60C Scissor Cutter, 4P-6 4PIN™ Dieless Crimp Head and PH-60B Punch Head*	30.4	13,8
44348	RE 6 Tool Kit w/SC-60C Scissor Cutter Head and 4P-6 4PIN Dieless Crimp Head*	26.8	12
46828	RE 6 Tool Kit w/4P-6 4PIN Dieless Crimp Head*	22	10
43518	RE 6 Tool Kit (No Heads)*	19	8,4
46818	RE 6 Tool Only	6.4	2,9
46823	RE 6 Tool Case Only	9.45	4,3
44693	18V Advanced Lithium 2 Battery	1	0,5
44698	18V Advanced Lithium 4 Battery	1.5	0,7
43458	Advanced Lithium Battery Charger	1.8	0,8
44798	Advanced Lithium Battery Charger Replacement Cord	0.3	0,1

*RE 6 Kits include (2) 18V Advanced Lithium 2 batteries, charger and heavy-duty case.

INTERCHANGEABLE HEADS

Each head has an approximate cycle time of five seconds and offers a 360° head rotation for increased maneuverability in tight spaces.



SCISSOR CUTTER HEAD

Designed for cutting up to 750 kcmil (MCM) copper/aluminum building wire and 500 kcmil (MCM) copper fine stranded wire or up to 477 kcmil (MCM) ACSR.

- Includes: SC-60C Scissor Cutter Head and instruction sheet.

CATALOG NO.	DESCRIPTION	WEIGHT	
		LB.	KG
47918	SC-60C Cutter Head with Copper/ Aluminum Wire Blades	4.75	2,15
49408	SC-60C Cutter Head with ACSR Blades	4.75	2,15
47923	Replacement Blades for Copper/ Aluminum Wire	0.5	0,23
47928	Replacement Blades for ACSR	0.5	0,23



4PIN™ DIELESS CRIMP HEAD

Featuring a slim latching system to get into tighter spaces, the 4PIN Dieless Crimp Head is available for use with #8AWG copper lugs up to 750 kcmil (MCM) and aluminum lugs up to 500 kcmil (MCM) or fine stranded wire.

- Includes: 4P-6 4PIN Dieless Crimp Head and instruction sheet.

CATALOG NO.	DESCRIPTION	WEIGHT	
		LB.	KG
43548	4P-6 4PIN Dieless Crimp Head Only	5.8	2,6



KNOCKOUT PUNCH HEAD

Designed for use with RIDGID and other commercially available punch dies, the Knockout Punch Head is ideal for punching up to 3.5" holes in 12 gauge mild and 14 gauge stainless steel.

- Includes: PH-60B Knockout Punch Head, 2 draw bolts, 3 spacers, 1 drill bit and instruction sheet. 3.5" punch adapter sold separately.

CATALOG NO.	DESCRIPTION	WEIGHT	
		LB.	KG
47763	PH-60B Knockout Punch Head Only	3.5	1,6
47178	PH-60B Spacers, Draw Bolts and Drill Bit Accessory Kit	1	0,5
49423	PH-60B Large Capacity Adapter, Required to Punch 3.5-inch Holes	0.25	0,1

HOLE PUNCHING

KNOCKOUT SETS



Model R739BB



Model HKO-186

The RIDGID® unique 3-point design makes punching fast and simple. Blanks fall out easily without prying. Choose from ball bearing manual sets to 2" or hydraulic sets to 4" with foot or hand pumps. RIDGID punches and dies are available individually or in sets, and are interchangeable with most knockout systems.

Manual Kits

Hardened alloy steel drive screws equipped with H-D ball bearings provide ease of operation and long life. Double end ratchet wrench included in Model R739BB provides speed and convenience.

- Precision-ground 3-point punch/die sets.
 - Capacity to 2" in 10-gauge mild steel.
- H-D ball bearing drive screws.
- Sets include durable ABS storage case.
- 3 kits available, including deluxe ratchet drive.

Hydraulic Kits

Combines ease of hydraulic operation and precision-ground knockouts to provide clean, quick holes. Available with foot or hand pumps.

- Precision-ground 3-point punch/die sets.
 - Capacity to 4" in 10-gauge mild or 16-gauge stainless steel.
- Powerful 11-ton hydraulic ram.
- Pumps equipped with internal safety relief valve.
- Ram and pump equipped with quick disconnect couplers.

CATALOG NO.	MODEL NO.	DESCRIPTION	WEIGHT		STD. PACK
			LB.	KG	
31787	R735BB	½"-1¼" Ball Bearing Kit w/Case	6.3	2,8	1
31792	R737BB	1½"-2" Ball Bearing Kit w/Case	7.5	3,3	1
31797	R739BB	½"-2" Ball Bearing Kit w/Ratchet Wrench & Case	11	5,0	1
23477	HKO-186	½"-2" Hydraulic Kit w/Hand Pump (Includes 2 Draw Bolts, Draw Bar, Spacers, 3' Hose)	31.8	14,3	1
24587	HKO-1810	½"-4" Hydraulic Kit w/Hand Pump (Above w/KOPD 254 Kit)	61.3	27,7	1

Manual Knockout Accessories

31802	–	¾" Ball Bearing Bolt	1	0,4	3
31807	–	¾" Ball Bearing Bolt	1.8	0,7	2
31817	–	⅝" x 1" Ratchet Wrench	1.5	0,7	1

Hydraulic Knockout Accessories

24542	H-18	Hand Pump with Elbow	10	4,5	1
24537	8R111S	Ram (Same Ram - All Sets)	6.3	2,8	1
24582	–	Spacer Group (Including Long, Medium, Short Spacer)	1.3	0,5	1
17602	–	¾" Draw Bolt (F/Hyd Sets ½" P/D)	0.5	0,2	1
17597	–	¾" Draw Bolt (F/Hyd Sets ¾"-4" P/D)	2.3	1,0	1
21847	–	3' Hydraulic Hose (Hand Pump)	3	1,4	1
21857	–	10' Hydraulic Hose (Foot Pump)	7	3,2	1

PUNCHING AND CUTTING

KNOCKOUT SETS



Model KOPD-52, ½" to 2" Punch and Die Set with Case

- Precision-ground 3-point punches.
- Tool steel tough dies.
- Sturdy case.

CATALOG NO.	DESCRIPTION
23487	KOPD-52 Set with ½", ¾", 1", 1¼", 1½", 2" Punches and Dies and Case



Model KOPD-254, 2½" to 4" Punch and Die Set with Case

- Precision-ground 3-point punches.
- Tool steel tough dies.
- Sturdy case.

CATALOG NO.	DESCRIPTION
23492	KOPD-254 Set with 2½", 3", 3½", 4" Punches and Dies and Case

CONDUIT SIZE NO.	ACTUAL HOLE SIZE		PUNCH CAT. NO.	PUNCH WEIGHT		DIE CATALOG NO.	DIE WEIGHT		HYDRAULIC KIT DRAW BOLT NO.	MANUAL KIT DRAW BOLT NO.
	IN.	MM		LB.	KG		LB.	KG		
½	⅞	22,5	17497	0.5	0,2	17547	1	0,5	17602	31802
¾	1⅛	28,3	17502	0.5	0,2	17552	0.8	0,3	17597	31807
1	1⅜	34,6	17507	0.8	0,3	17557	1	0,5	17597	31807
1¼	1⅞	43,3	17512	1.3	0,6	17562	1.5	0,7	17597	31807
1½	2	49,7	17517	2.3	1,0	17567	2	0,9	17597	31807
2	2⅛	61,8	17522	4	1,8	17572	3.3	1,5	17597	31807
2½	2⅝	74,4	17527	3.3	1,5	17577	3.3	1,5	17597	—
3	3⅞	90,6	17532	5	2,3	17582	5.3	2,4	17597	—
3½	4⅛	103,2	17537	3.3	1,5	17587	3	1,4	17597	—
4	4⅝	116,0	17542	5	2,3	17592	4.3	1,9	17597	—

CABLE CUTTER



Model 1380 Cable Cutter

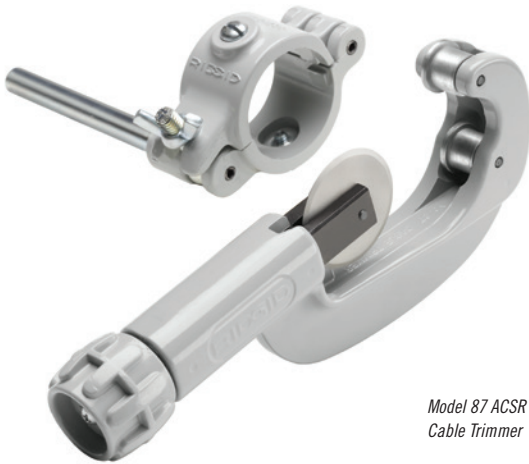
The Model 1380 Cable Cutter is designed to shear-cut insulated aluminum and copper cable through 1⅜" diameter and 750 MCM*. Drop-forged, heat-treated, alloy steel jaws shear cable with minimum distortion of internal wires. Fitted with fiberglass-insulated handles and rubber grips.

**Not intended for cutting steel or ACSR cable.*

CATALOG NO.	MODEL NO.	DESCRIPTION	CAPACITY	WEIGHT		STD. PACK
				LB.	KG	
83350	1380	Cable Cutter	Aluminum and Copper Cable through 1⅜" Diameter and 750 MCM	4.5	2,0	1

TRIMMING & DRILLING

CABLE TRIMMER



Model 87 ACSR Cable Trimmer

Model 87 ACSR Cable Trimmer Kit



CATALOG NO.	MODEL NO.	DESCRIPTION	WEIGHT	
			LB.	KG
54135	87	ACSR Cable Trimmer Kit, includes Bushing Holder, Cutter, and Carrying Case	9½	4,3
54270	E-4695	Cutter Wheel	1	0,02

Use the RIDGID® Model 87 ACSR Cable Trimmer for fast, accurate cable splice preparation.

- Trims ACSR cable from 8 AWG to 1,780 MCM.
- Bushings for 9 popular cable sizes from 1/0 AWG through 1,780 MCM available from stock.
- The operation of the tool is similar to that of a conventional tubing cutter.
- The bushing holder, cutter and handy carrying case are sold as one unit.
- Case contains storage sockets for 11 bushings. Twelfth bushing is stored in holder.

CATALOG NO.	BUSHING NO.	A.W.G. OR C.M.	NO. OF STRANDS
54440	E-5761	2/0	6/1
54445	E-5762	3/0	6/1
54450	E-5763	4/0	6/1
54465	E-5766	266,800	26/7
54480	E-5769	336,400	26/7
54500	E-5773	397,500	26/7
54520	E-5777	477,000	26/7
54540	E-5781	556,500	26/7
54575	E-5788	636,000	54/7 24/7

HOLE SAW ARBORS

Hole saw arbors with high-speed pilot drills are built for use with portable drills and drill presses. The saws are quickly replaced without tools and without removing the arbor from the chuck.



CATALOG NO.	MODEL NO.	FOR CHUCK SIZE	FITS SAW NOS.	SHANK SIZE
53065	R0	¼", ⅜" (6, 10 mm)	M14 – M19	¼" (6 mm) Round
53070	R1	½" (12 mm)	M14 – M19	⅞" (11 mm) Hex
53075	R2	½" (12 mm)	M21 – M152	⅞" (11 mm) Hex
16671	R2S	½" (12 mm)	M21 – M152	Solid ⅞" (11 mm) Hex
53080	R3	⅝" (15 mm)	M21 – M152	⅝" (15 mm) Hex
59502	R4	⅝" (15 mm)	M76 – M152	⅝" (15 mm) Hex
53085	E3986	¼" Replacement Pilot Drill with Slotted Shank	–	–
81505	D-969	12" Arbor Extension for ⅞" Shank Arbors	–	–

Note: All weights are under 1 lb. (0.45 kg).

CUTTING & DRILLING

HOLE SAWS



Variable Pitch Hole Saws

Outperform and outlast traditional standard pitch models. Bi-metal construction with teeth made from specially hardened type M3 high speed steel. The varying teeth height and gullet sizes result in much faster cutting and longer life. For wood; mild, tool and stainless steels; cast iron; brass and aluminum. 50 sizes from 1/16" (14 mm) to 6" (152 mm).

- Depth of cut: 1 1/2" (28 mm).
- Use RIDGID Thread Cutting Oil on all metal except cast iron.

HOLE SAW KITS

Plumber's, electrician's and combination kits each contain a selection of RIDGID® hole saws and hole saw arbors for cutting through wood, steel, cast iron, brass and aluminum.



CATALOG NO.	MODEL NO.	SAW SIZE & HOLE DIAMETER		NOMINAL PIPE SIZES (IN.)		NOMINAL PIPE SIZES (MM)	
		IN.	MM	TAP DRILL SIZE	BODY DRILL SIZE	TAP DRILL SIZE	BODY DRILL SIZE
52755	M14	1/16	14	—	—	—	—
52760	M16	1/8	16	—	—	—	—
52765	M17	1 1/16	17	—	—	—	—
52770	M19	3/4	19	—	3/8	—	10
52775	M21	13/16	21	—	—	—	—
52780	M22	7/8	22	3/4	1/2	20	12
52785	M24	15/16	24	—	—	—	—
52790	M25	1	25	—	—	—	—
52795	M27	1 1/16	27	—	—	—	—
52800	M29	1 1/8	29	1	3/4	25	20
52805	M30	13/16	30	—	—	—	—
52810	M32	1 1/4	32	—	—	—	—
52815	M33	1 1/16	33	—	—	—	—
52820	M35	1 3/8	35	—	1	—	25
52825	M37	1 7/16	37	—	—	—	—
52830	M38	1 1/2	38	1 1/4	—	32	—
52835	M40	1 9/16	40	—	—	—	—
52840	M41	1 5/8	41	—	—	—	—
52845	M43	1 11/16	43	—	—	—	—
52850	M44	1 3/4	44	1 1/2	1 1/4	40	32
52855	M46	1 13/16	46	—	—	—	—
52860	M48	1 7/8	48	—	—	—	—
52865	M51	2	51	—	1 1/2	—	40
52870	M52	2 1/16	52	—	—	—	—
52875	M54	2 1/8	54	—	—	—	—
52880	M57	2 1/4	57	2	—	50	—
52885	M59	2 5/16	59	—	—	—	—
52890	M60	2 3/8	60	—	—	—	—
52895	M64	2 1/2	64	—	2	—	50
52900	M65	2 9/16	65	—	—	—	—
52905	M67	2 5/8	67	—	—	—	—
52910	M70	2 3/4	70	—	—	—	—
52915	M73	2 7/8	73	—	—	—	—
52920	M76	3	76	—	2 1/2	—	64
52925	M79	3 1/8	79	—	—	—	—
52930	M83	3 1/4	83	3	—	75	—
52935	M86	3 3/8	86	—	—	—	—
52940	M89	3 1/2	89	—	—	—	—
52945	M92	3 5/8	92	—	3	—	75
52950	M95	3 3/4	95	3 1/2	—	90	—
52955	M98	3 7/8	98	—	—	—	—
52960	M102	4	102	—	—	—	—
52965	M105	4 1/8	105	—	3 1/2	—	90
52970	M108	4 1/4	108	—	—	—	—
52975	M110	4 3/8	110	—	—	—	—
52980	M114	4 1/2	114	—	4	—	—
52985	M121	4 3/4	121	—	—	—	—
52990	M127	5	127	—	—	—	—
52995	M140	5 1/2	140	—	—	—	—
53000	M152	6	152	—	—	—	—

Note: All weights are under 1 1/2 lbs. (0.68 kg).

Kits

CATALOG NO.	MODEL NO.	DESCRIPTION	3/4" 19 MM	1/2" 22 MM	1 1/8" 29 MM	1 3/8" 35 MM	1 1/2" 38 MM	1 3/4" 44 MM	2" 51 MM	2 1/2" 57 MM	2 7/8" 64 MM	2 3/4" 67 MM	ARBORS			WEIGHT	
													R0	R1	R2	LB.	KG
81490	1248	Plumber Kit		•	•		•	•		•		•		•	•	3.3	1.5
81495	1249	Electrician Kit		•	•	•		•	•		•			•	•	3.3	1.5
81500	1250	Combination Kit	•	•	•	•	•	•	•	•	•		•	•	•	6.1	2.8

BENDING & WRENCHES

CONDUIT BENDERS



Heavy-Wall Conduit Benders

- Designed for the larger sizes of heavy-wall conduit. This bender has hardened teeth for slip-resistant grip.
- Extra-long supporting socket minimizes handle breakage.
- Notch in radius protects conduit threads.

CATALOG NO.	MODEL NO.	CAPACITY		WEIGHT		STD. PACK
		IN.	MM	LB.	KG	
35230	B-1709	½	12	2.6	1.2	1
35235	B-1711	½, ¾	12, 19	2.8	1.3	1
35240	B-1712	1, 1¼	25, 32	7.8	3.5	1

Handles not included.



Thin-Wall Conduit Benders

- Made of cast iron, these tools have exceptionally smooth side walls which grip conduit snugly to minimize distortion.
- Bending grooves conform to Standard Code Radii. Marks indicate 30°, 45°, 60° and 90° bends.

CATALOG NO.	MODEL NO.	DESCRIPTION	WEIGHT		STD. PACK
			LB.	KG	
35215	B-1677	Bends ½" (12 mm) Thin-Wall Conduit to 4" (100 mm) Inside Radius	2.5	1,1	1
35220	B-1678	Bends ¾" (19 mm) Thin-Wall and ½" (12 mm) Heavy-Wall Conduit to 5" (127 mm) Inside Radius	4.5	2,0	1
35225	B-1679	Bends 1" (25 mm) Thin-Wall and ¾" (19 mm) Heavy-Wall Conduit to 6½" (165 mm) Inside Radius	8.5	3,9	1

Handles not included.

ALUMINUM PIPE WRENCHES

- Nearly 40% lighter than comparable cast-iron wrenches.
- Jaws and all other parts identical to RIDGID® heavy-duty wrenches.



CATALOG NO.	MODEL NO.	NOM. SIZE		PIPE CAPACITY		WEIGHT		STD. PACK
		IN.	MM	IN.	MM	LB.	KG	
31090	810	10	250	1½	40	1	0,4	6
47057	812	12	300	2	50	2½	1,1	6
31095	814	14	350	2	50	2½	1,1	6
31100	818	18	450	2½	65	3¾	1,7	6
31105	824	24	600	3	80	6	2,7	3
31110	836	36	900	5	125	11	5,0	1
31115	848	48	1200	6	150	18½	8,4	1

Aluminum Straight Pipe Wrench

- Professional strength in lightweight aluminum.
- Offers the same durability and ease-of-use found in all RIDGID heavy-duty wrenches.

WRENCHES

HEAVY-DUTY PIPE WRENCHES



Straight Pipe Wrench

- Sturdy, cast-iron housing and I-beam handle with full floating forged hook jaw, featuring self-cleaning threads with replaceable hook and heel jaws.
- Heavy-duty pipe wrenches comply with federal specifications GGG-W651E, Type II, Class A.

CATALOG NO.	MODEL NO.	NOM. SIZE		PIPE CAPACITY		WEIGHT		STD. PACK
		IN.	MM	IN.	MM	LB.	KG	
31000	6	6	150	¾	20	½	0,2	6
31005	8	8	200	1	25	¾	0,3	6
31010	10	10	250	1½	40	1¾	0,8	6
31015	12	12	300	2	50	2¾	1,2	6
31020	14	14	350	2	50	3½	1,6	6
31025	18	18	450	2½	65	5¾	2,6	6
31030	24	24	600	3	80	9¾	4,4	3
31035	36	36	900	5	125	19	8,7	1
31040	48	48	1200	6	150	34¼	15,6	1
31045	60	60	1500	8	200	51¼	23,3	1

CHAIN WRENCHES



- A double jaw gives fast, ratchet-like action in either direction.
- The heavy-duty model has replaceable alloy steel jaws.
- The light-duty model has a one-piece forged alloy steel handle and jaw. Ideal for use in close quarters.

CATALOG NO.	MODEL NO.	DESCRIPTION	RATED PIPE CAPACITY		ACTUAL O.D. CAPACITY		CHAIN LENGTH		WEIGHT		STD. PACK
			IN.	MM	IN.	MM	IN.	MM	LB.	KG	
31310	C-12	Light-Duty Chain	2	50	4	100	15¾	390	1¾	0,8	1
31315	C-14	Heavy-Duty Chain	2	50	5	125	18½	460	2¾	1,2	1
31320	C-18	Heavy-Duty Chain	2½	60	5	125	20¼	500	6	2,7	1
31325	C-24	Heavy-Duty Chain	3	75	5	125	20¼	500	8¾	3,7	1
31330	C-36	Heavy-Duty Chain	4½	110	7½	185	29	725	15¾	7,1	1

STRAP WRENCHES



Replacement Straps

CATALOG NO.	STRAP LENGTH		STRAP WIDTH	
	IN.	MM	IN.	MM
31990	17	425	½	12
32015	17	425	1½	30
32020	24	600	1½	30
32025	30	760	1½	30
32050	29¼	750	1¾	45
32055	48	1200	1¾	45
32035	17	425	1¼	27
32065	30	760	1¾	45

- Best for any polished pipe.
- Strong, woven nylon strap gives tight grip.
- Two models available for plastic pipe.
- Polyurethane-coated strap.

CATALOG NO.	MODEL NO.	HANDLE LENGTH		STRAP LENGTH		STRAP WIDTH		PIPE CAPACITY		O.D. TUBE CAPACITY		WEIGHT		STD. PACK
		IN.	MM	IN.	MM	IN.	MM	IN.	MM	IN.	MM	LB.	KG	
31335	1	11¾	300	17	425	½	12	2	50	3½	90	1¼	0,5	1
31340	2	11¾	300	17	425	1½	30	2	50	3½	90	1¾	0,8	1
31345	2	11¾	300	30	760	1½	30	2	50	5½	135	1¾	0,8	1
31350	2	11¾	300	24	600	1½	30	2	50	5½	135	1¾	0,8	1
31355	2P*	11¾	300	17	425	1½	27	2	50	3½	90	1¾	0,8	1
31360	5	18	450	29¼	750	1¾	45	5	125	7	175	2	0,9	1
31365	5	18	450	48	1200	1¾	45	5	125	12	300	2	0,9	1
31370	5P*	18	450	29¼	750	1¾	45	5	125	5½	135	2½	1,0	1

*Strap designed for use with plastic pipe.

THREADING

MODEL 700 HAND-HELD POWER DRIVE



Model 700



Model 600-I



Model 690-I



	MODEL 700	MODEL 600-I	MODEL 690-I
Pipe Capacity	½"-2" (3 mm-50 mm)	½"-1¼" (3 mm-32 mm)	½"-2" (3 mm-50 mm)
Bolt Capacity	¼"-1" (6 mm-25mm)	N/A	N/A
Weight (power drive only)	25 lbs. (11 kg)	12.7 lbs. (5.8 kg)	21.1 lbs. (9.59 kg)
Length	28¼" (71.7 cm)	20" (508 mm)	24" (613 mm)
Operating Speed (no load)	26-30 RPM	32 RPM	32 RPM
Die Heads	12-R or 11-R/00-R/00-RB*	11-R	11-R
Dies	12-R	12-R	12-R
Usage/Applications	Heavy-Duty/Mech/ Elect Contractor/ Maintenance	Service/ Repair Plumber (1¼")	Service/ Repair Plumber/ Maintenance (2")
Certifications/Approvals	UL/CSA/RoHS/WEEE	UL/CSA/RoHS/WEEE	UL/CSA/RoHS/WEEE

*With adapter

CATALOG NO.	MODEL NO.	DESCRIPTION	WEIGHT	
			LB.	KG
41935	700	115V 50/60 Hz Only	25	11
44913	600-I	115V w/o Die Heads w/Case Only and Support Arm	29.1	13.2
44918	600-I	115V ½"-2" NPT w/Case and Support Arm	41	18.6
44928	690-I	115V w/o Die Heads w/Case Only and Support Arm	40	19.2
49923	690-I	115V ½"-2" NPT w/Case and Support Arm	59.4	26.9

RIDGID Die Head Quick Release System (690-I only)



TURN TO UNLOCK



PULL DIE HEAD



RELEASE TO LOCK

THREADING

MODEL 300 POWER DRIVE COMPLETE

Capacity

- Pipe: 1/8" to 2" (3 mm-50 mm), 2 1/2" to 4" with 141, and 4" to 6" with 161 Geared Threaders.
- Rod: 1/4" to 2" (6 mm-50 mm).
- Spindle Speed: 38 RPM (57 RPM available).
- Rear Centering Device.

CATALOG NO.	MODEL NO.	DESCRIPTION	SPINDLE SPEED RPM	PIPE THREADING CAPACITY		ROD THREADING CAPACITY		WEIGHT	
				IN.	MM	IN.	MM	LB.	KG
15682	300 Complete	115V, 50/60 Hz (NPT)	38	1/8-2	3-50	1/4-2	6-50	212	96,2
15722	300 Complete	115V, 50/60 Hz (NPT)	57	1/8-1 1/4	3-40	1/4-1 1/2	6-40	212	96,2
97415	300A Complete*	230V, (NPT) Export	38	1/8-2	3-50	1/4-2	6-50	202	91,6
97420	300A Complete*	230V, (BSPT) Export	38	1/8-2	3-50	1/4-2	6-50	202	91,6

Other voltages available upon request. Export machines equipped with special power cord sets.
*300A includes automatic oiling



MODEL 1224 THREADING MACHINE

Capacities

- Pipe: 1/4" to 4" (6 mm-100 mm).
- Bolt: 1/4" to 2" (6 mm-50 mm).

Technical Specifications

- Spindle Speed: 36/12 RPM.
- Includes hammer-type chuck, rear centering device, cutter and reamer.
- Oiling: Through die head.

Features

- Threads a wide range of pipe including black, galvanized, IMC and heavy-wall conduit.

CATALOG NO.	MODEL NO.	DESCRIPTION	WEIGHT	
			LB.	KG
26092	1224	1/2-4 NPT 120V 60 Hz	509	231,0
26097	1224	1/2-4 NPT 240V 60 Hz	509	231,0

Stands

CATALOG NO.	MODEL NO.	DESCRIPTION	WEIGHT	
			LB.	KG
92457	100A	Universal Leg & Tray Stand	75	34,5
92462	150A	Universal Wheel & Tray Stand	103	46,7
92467	200A	Universal Wheel & Cabinet Stand	164	74,5
22563	-	Steel Cabinet	42	19,3



SELECT PIPE DIES FOR MACHINE DIE HEADS

Pipe Dies for use in Universal Die Heads (Models 504A, 711, 713, 811A, 815A, 816, 817 and 842)

DIE MATERIAL OR TYPE	(NPT)				(NPSM)			
	NOMINAL PIPE SIZE-THREADS PER INCH				NOMINAL PIPE SIZE-THREADS PER INCH			
	1/8"-27	1/4"-3/8"-18	1/2"-3/4"-14	1"-2"-11 1/2	1/8"-27	1/4"-3/8"-18	1/2"-3/4"-14	1"-2"-11 1/2
Alloy RH	47735	47740	47745	47750	-	-	-	-
High-Speed RH	47755	47760	47765	47770	47845	47850	47855	47860
High-Speed •LH	39587	47810	47815	47820	-	-	-	-

• Requires left hand model die head. Note: Use HS for PVC and RH for brass pipe.

Conduit Dies for Universal Die Heads

DIE MATERIAL OR TYPE	(ISO)		(BEC)		
	NOMINAL CONDUIT SIZE - PITCH IN MM		NOMINAL CONDUIT SIZE - THREADS PER INCH		
	16-32MM-1.5	40-63MM-1.5	1/2"-3/8"-18	3/4"-1 1/4"-16	1 1/2"-2 1/2"-14
Alloy RH	50645	50650	66700	66705	66710

THREADING

RECEDING GEARED THREADERS



Models 141/161

- Model 141 threads 2½", 3", 3½", 4" pipe with one set of dies.
- Model 161 threads 4", 4½", 5", 6" pipe with one set of dies.
- Simple adjustment for tapered or straight threads.
- Fully enclosed gearing.
- Right-hand only.

CATALOG NO.	MODEL NO.	DESCRIPTION	CAPACITY NOMINAL PIPE SIZE		WEIGHT	
			IN.	MM	LB.	KG
36620	141	NPT with 1 Set High-Speed Dies	2½-4	62-100	93	42,3
65380	141	BSPT with 1 Set High-Speed Dies	2½-4	62-100	93	42,3
36630	161	NPT with 1 Set High-Speed Dies	4-6	100-150	158	71,8
39380	D-1440	Ratchet and Handle	—	—	9.5	4,3
96725	—	Metal Carrying Case for 141 Geared Threaders	—	—	17	7,7

CUTTING OIL



Thread Cutting Oil

RIDGID® thread cutting oils are free of chlorine and other halogens, PCBs and heavy metals. Complete material safety data sheet available.

- Cools threads and pipe during operation.
- Reduces threading torque and improves thread quality.

FEATURE	DARK	NU-CLEAR	ENDURA-CLEAR	EXTREME PERFORMANCE
Low Odor	X	X	X	X
Anti-Mist Formulation	X	X	X	
Extended Die Life			X	X
FBC™ System Compatible**			X	
Designed for Stainless Steel				X
Working Viscosity	0°F	-20°F	-20°F	0°F

*Flip top included with every quart bottle. ***Aerosol can.

**FBC™ System Compatible indicates that this product has been tested and is monitored on an ongoing basis to assure chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® pipe and fittings.

FlowGuard Gold®, BlazeMaster®, Corzan® and FBC™ are trademarks of The Lubrizol Corporation. FBC™ is a trademark of The Lubrizol Corporation.

CONTAINER SIZE		CATALOG NO.				CONTAINERS PER CASE	WEIGHT PER CASE	
U.S.	METRIC	DARK	NU-CLEAR	ENDURA-CLEAR	EXTREME PERFORMANCE		LB.	KG
1 Qt.*	0.94 L	41590	—	—	—	12	22	10
1 Gal.	3.78 L	70830	70835	32808	74012	6	50	22,7
5 Gal.	18.90 L	41600	41575	—	74047	1	42	19
55-Gal.	207.90 L	41610	41585	—	76767	1	465	211
16 oz***	0.38 L	—	—	—	22088	12	12	5,5

OILER



Model 418 Oiler

- 50% more oil per stroke than other hand-held oilers for longer die life.
- Die cast, heavy-duty body with swivel nozzle with no exposed parts for longer life.
- Heavy-duty reservoir withstands abrasion, is lighter than metal and does not rust.
- Integral molded body eliminates leaks at the hose-reservoir connection.

CATALOG NO.	MODEL NO.	DESCRIPTION	WEIGHT	
			LB.	KG
10883	418	Hand operated oiler complete. Includes 1 gallon of premium thread cutting oil, reservoir with removeable chip tray, and 54" hose	20.5	9,4
72342	402	Hand operated oiler with attachment for 1 gallon and 5 gallon containers and 54" hose	2.5	1,2
72332	#4	Hand-operated oiler only	1.3	0,5
72327	#4	Hand-operated oiler with 54" hose and hose fittings	2.3	1,0

PIPE VISES & SUPPORTS

PIPE VISES



Portable TRISTAND® Vises

Each TRISTAND features integral folding legs for easy transport and setup, tool hangers and a base which overhangs the front legs for clear tool swing.

- 425 – Features a “quick grab” handle self-locking latch and carry handle.
- 40-A – Integrates a yoke style vise into the base and a rugged tool tray.
- 460-6 – Optimized base layout to maximize working area, convenient lug to clamp the weld ground, rugged leg chain for the tough demands and a durable tool tray.
- 460-12 – All the features of the 460-6 but a capacity of 12" and an adjustable rear leg.

CATALOG NO.	MODEL NO.	DESCRIPTION	PIPE CAPACITY		WEIGHT		STD. PACK
			IN.	MM	LB.	KG	
16703	425	Portable TRISTAND Chain Vise	½-2½	3-60	32	14,5	1
40130	40-A	Portable TRISTAND Yoke Vise	½-2½	3-60	48½	22,0	1
36273	460-6	Portable TRISTAND Chain Vise**	½-6	3-150	47	21,0	1
36278	460-12	Portable TRISTAND Chain Vise	½-12	3-300	71	32,0	1

**Jaw for Plastic Pipe, Catalog No. 41280 available; order separately.

Bench Chain Vises

- Crank handle is anchored to base.
- Rugged cast-iron base has handy pipe rest and bender. Capacities of ¼" through 8".
- Two models available for plastic pipe. Toothless jaws are neoprene-coated to prevent scoring of pipe.

CATALOG NO.	MODEL NO.	DESCRIPTION	PIPE CAPACITY		WEIGHT		STD. PACK
			IN.	MM	LB.	KG	
40185	BC210	Top Screw Bench Chain Vise	½-2½	3-60	7¾	3,5	1
40195	BC410	Top Screw Bench Chain Vise	½-4	3-100	14¾	6,7	1
40190	BC210P	Top Screw Bench Chain Vise*	½-2½ O.D.	15-70	7¾	3,5	1
40200	BC410P	Top Screw Bench Chain Vise*	½-4½ O.D.	15-110	15	6,8	1
40205	BC510	Top Screw Bench Chain Vise	½-5	3-125	14¾	6,7	1
40210	BC610	Top Screw Bench Chain Vise	½-6	6-150	24½	11,11	1
40215	BC810	Top Screw Bench Chain Vise	½-8	15-200	37¾	16,9	1
40175	BC2A	Bottom Screw Bench Chain Vise	½-2	3-50	6	2,72	1
40180	BC4A	Bottom Screw Bench Chain Vise	½-4	3-100	13¾	6,0	1

*For Plastic Pipe and Tube

PIPE STANDS

A full range of heavy-duty adjustable pipe stands are available in varying configurations with capacity from ½" to 12" (3 mm-300 mm). These stands are ideal for use while threading, welding or roll grooving pipe. Locking ring allows for quick vertical height adjustments.



Exclusive Captured “V” handle retains the V-head to the base while providing an ergonomic handle for adjusting the height and transporting the stand. The folding model folds to store in a 7" diameter circle.



V-Head Pipe Stands

CATALOG NO.	MODEL NO.	DESCRIPTION	HEIGHT ADJUSTMENT LOW-HIGH		MAX. PIPE CAPACITY		MAX. WEIGHT CAPACITY		WEIGHT	
			IN.	CM	IN.	MM	LB.	KG	LB.	KG
56657	VJ-98	V-Head Low Pipe Stand	20-38	51-96	12	300	2500	1134	32	14,5
56662	VJ-99	V-Head High Pipe Stand	28-52	71-132	12	300	2500	1134	23	10,4
22168	VF-99	V-Head High Folding Pipe Stand	28-52	71-132	12	300	2500	1134	24	10,9

TEST & MEASUREMENT

MICRO IR-100 NON-CONTACT INFRARED THERMOMETER



- Thermometer provides simple, quick and accurate surface temperature readings at the push of a button.
- Ultra Sharp Dual Class II Lasers easily illuminate the surface area being measured.
- 20:1 Distance To Spot Ratio allows you to take more accurate measurements from long distances.
- Visual and audible alarms quickly alert you to temperatures outside of the ranges that you set.
- Bright Backlit Display, which can be toggled on in poorly lit areas.
- Tripod Mount Capable for repeatable, precise temperature measurements.

Specifications

- Temperature Range.....-59° to 1472°F / -50° to 800°C.
- Measurement Accuracy.....-58°F ~68°F / -50°C ~20°C ±4.5°F / 2.5°C; 68°F ~1472°F / 20°C ~800°C ±1.0% or ±1.8°F / 1.0°C.
- Response Time<150ms.
- Temperature DisplayCurrent temperature, max temperature.
- Measurement Units.....Fahrenheit, Celsius.
- Power Source.....Battery (1 x 9V).

CATALOG NO.	MODEL NO.	DESCRIPTION	WEIGHT	
			LB.	KG
36153	micro IR-100	Non-Contact Infrared Thermometer	0.5	0.2

MICRO LASER DISTANCE METERS



LM-100



LM-400

- Quick distance readings and advanced calculations at your fingertips.
- Clearly view measurements on the large, backlit display.
- Adjust units instantly to inches, feet, or meters.
- Inclination angle measurement allows indirect measurements for hard to reach areas (LM-400 only).
- Bluetooth® connection to smartphones and tablets to view, store, and share data (LM-400 only).
- RIDGIDSketch App for Android® and iOS® allows you to overlay measurements onto a photo or sketch (LM-400 only).

	LM-100	LM-400
Catalog No.	36158	36813
Weight	0.5 lbs. / .2 kgs	0.44 lbs. / .22 kgs
Measuring Accuracy	± 1/16 inch (±1.5mm)	± 1/16 inch (±1.5mm)
Range	164' / 50 m	229' / 70 m
Measuring Units	inches, feet, meters	inches, feet, meters
Displayed/Stored Measurements	3 / 20 measurements	4 / 20 measurements
Ruggedness	IP 54 Dust Proof, Splash Proof	IP 54 Dust Proof, Splash Proof
Angle Range	NA	± 65°
Angle Accuracy	NA	± 0.5
Bluetooth Range	NA	33' (10 m)
Batteries	2 x AAA (Included)	2 x AA (Included)



LM-400 with Bluetooth® connectivity, featuring the RIDGIDSketch application.

HANDHELD INSPECTION

MICRO INSPECTION CAMERAS

micro CA-100



micro CA-25



micro CA-300

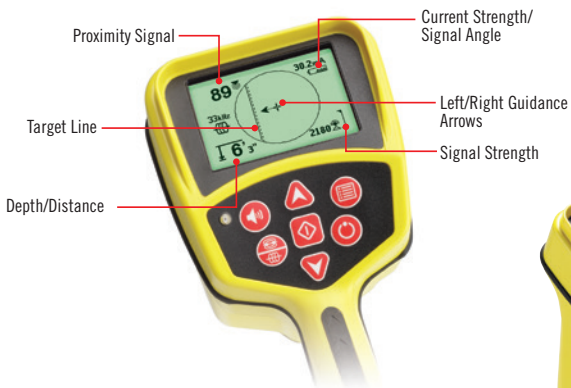
The RIDGID® line of handheld visual inspection cameras eliminates the guesswork and reduces the amount of time required to detect and diagnose the unreachable. All handheld inspection cameras come equipped with a camera and light source attached to the end of a flexible 3' cable. The camera sends live images back to a high visibility digital LCD display allowing for detailed visual inspections in hard-to-reach spaces.

	MICRO CA-25 VIEW (CAMERA ONLY)	MICRO CA-100 VIEW (CAMERA ONLY)	MICRO CA-300 VIEW (CAMERA ONLY)
Catalog No.	40043	36738	37888
Display	2.4" Color LCD	3.5" Color LCD	3.5" Color TFT
Camera Diameter	3/4" (17mm)	3/4" (17mm)	3/4" (17mm)
Lighting	4 Adjustable LEDs	4 Adjustable LEDs	4 Adjustable LEDs
Cable Length	Fixed 3'	3' (up to 30')	3' (up to 30')
Waterproof	Cable & Camera	Cable & Camera	Cable & Camera
Power Source	4 AA Batteries	4 AA Batteries	3.7V Lithium Ion Battery
Charger	No	No	Yes
SD Card Port	No	No	Yes
USB Port	No	No	Yes
RCA Output	Yes	Yes	Yes
Pan & Zoom	No	No	2.0x Digital Zoom
Case	Hard Shell Plastic	Hard Shell Plastic	Hard Shell Plastic
Hook, Magnet & Mirror	Yes	Yes	Yes

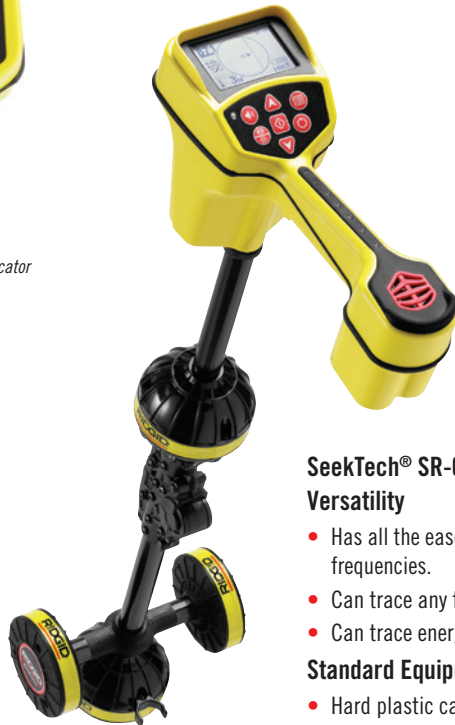
CATALOG NO.	DESCRIPTION	WEIGHT	
		LB.	KG
37888	micro CA-300 Inspection Camera	5.5	2,5
37103	17mm Replacement Imager (for micro CA-100 & CA-300)	0.7	0,3
37108	3' Cable Universal Extension	0.7	0,3
37113	6' Cable Universal Extension	1.4	0,86
37083	3.7 V Li-Ion Battery (for micro CA-300)	0.24	0,11
37088	3.7 V Charger (for micro CA-300)	0.35	0,15
30208	Car Charger Adapter (for micro CA-300)	0.26	0,12
40043	micro CA-25 Inspection Camera	4.7	2,1
37123	micro CA-25 Replacement Hook, Magnet, Mirror	0.1	0,05
36738	micro CA-100 Inspection Camera	5.5	2,5

UNDERGROUND UTILITY LOCATING

SEEKTECH® SR-20 AND SR-60 LOCATOR



SeekTech® SR-20 Locator



SeekTech® SR-60 Locator

SeekTech® SR-20 Locator

A lightweight yet rugged receiver for locating underground cables and pipes.

Performance

The mapping display confirms a good locate signal and identifies distortion in congested areas using:

- Target-Line – Guides the operator down the line and shows changes in direction.
- Left-Right Guidance Arrows – Points the operator to the target utility.
- Proximity Signal and Signal Strength – Helps the operator center the locator closer to the target for more confident locates.

Other Features

- Continual Depth – Increases productivity by showing depth changes in real time.
- Omni-Seek® – Increases accuracy and efficiency when searching in passive mode. Continuously searches passive power and radio bands to locate and avoid unknown metallic lines.

SeekTech® SR-60 Locator

Versatility

- Has all the ease of use and accuracy of the SR-20 locator but with ALL locatable frequencies.
- Can trace any frequency from 10 Hz to 490,000 Hz.
- Can trace energized lines and sondes (active beacons) simultaneously.

Standard Equipment

- Hard plastic carrying case.
- Surface markers and clip.
- Instructional DVD.
- Operator's manual.
- 4 C-cell batteries (alkaline).

SR-20 and SR-60 Locator Specifications

SR-20 and SR-60 Active Line Trace Frequencies*	128 Hz, 1 kHz, 8 kHz, 33 kHz.
SR-60 Active Line Trace Frequencies only**	51 kHz, 93 kHz, 200 kHz, 262 kHz.
Passive Power Trace	50 Hz, 60 Hz, <4 kHz Broadband.
Passive Radio Trace	4 kHz-15 kHz, 15 kHz-36 kHz.
Sonde Frequencies	16 Hz, 512 Hz, 640 Hz, 850 Hz, 8 kHz, 16 kHz, 33 kHz.
Power Source	4 C-Cell Batteries.
Battery Life	Approximately 16 Hours.
Weight	4 lbs. (1,8 kg) without batteries.
Meets FCC Class A and EN 55022 Class A requirements.	

* 30 user-definable frequencies can be set from 10 Hz to 35,000 Hz.

** 30 user-definable frequencies can be set from 10 Hz to 490,000 Hz.

CATALOG NO.	DESCRIPTION	WEIGHT	
		LB.	KG
22163	SeekTech SR-60 Line Locator	5.1	2,3
21893	SeekTech SR-20 Line Locator	4	1,8

UNDERGROUND UTILITY LOCATING

SEEKTECH® UTILITY TRANSMITTERS



SeekTech® ST-33QR Line Transmitter

- The ideal transmitter for inducing current onto a target line.
- 5W power using six D-Cell batteries
- 10W using optional 18V Lithium-Ion battery

Frequencies:

- Direct Connect (factory set): 128 Hz, 1 kHz, 8 kHz, 33 kHz, 93 kHz, 262 kHz.
- Direct Connect (user defined): 10 Hz – 490 kHz.
- Induction: 8 kHz, 33 kHz.

CATALOG NO.	DESCRIPTION	WEIGHT	
		LB.	KG
26168	SeekTech ST-33Q Transmitter	11.1	5,0
44853	Two 18V Li-Ion Batteries with Charger	--	--



SeekTech® ST-510 Line Transmitter

- Ten Watts of fully variable power output.
- LCD display provides instant visual feedback on line resistance and current flow.
- Two 48' (14 m) extended 46" (1,1 m) contracted lead wires with heavy duty clips.
- Compatible with competitor's equipment.

Frequencies:

- Direct Connect: 128 Hz, 1 kHz, 8 kHz, 33 kHz, 262 kHz.
- Induction: 1 kHz, 8 kHz, 33 kHz, 262 kHz.
- Competitor Frequencies: available in both direct connect and induction.

CATALOG NO.	DESCRIPTION	WEIGHT	
		LB.	KG
21903	SeekTech ST-510 Transmitter (10 watts)	7.5	3,4



SeekTech® ST-305 Line Transmitter

- Lightweight and compact transmitter that delivers up to 5 watts of power.
- Can transmit two frequencies simultaneously.
- Audio feedback confirms a good circuit before beginning a trace.

Frequencies:

- Direct Connect: 1 kHz, 8 kHz, 33 kHz, 262 kHz.
- Induction: 1 kHz, 8 kHz, 33 kHz, 262 kHz.

CATALOG NO.	DESCRIPTION	WEIGHT	
		LB.	KG
21898	SeekTech ST-305 Transmitter (5 watts)	2.5	1,9



SeekTech® Inductive Signal Clamp

- Allows users to apply a signal to a cable or pipe when direct connection is not possible.
- Compatible with all RIDGID transmitters.

CATALOG NO.	DESCRIPTION	WEIGHT	
		LB.	KG
20973	SeekTech 4" Inductive Signal Clamp	2	0,9

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