thinnest, fastest and most versatile — Alkitronic X - Driver System

X Driver Hydraulic Wrench System

The ***alkitronic®*** Norwolf ***X DRIVER SYSTEM*** - the most revolutionary hydraulic torque wrench system ever created. The profiles are totally flat with no extrusions that create hangups. The design with a smaller cylinder bore but longer levers, creates less stress on all parts. Easier to get into confined areas and around nuts in hard to access spaces. With the durability of solid steel design, fewer parts, and clean-lined construction.

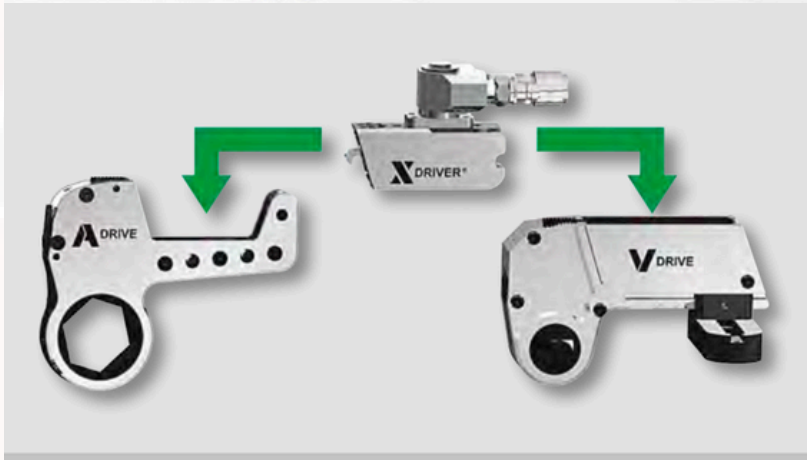


X Driver

- Hydraulic power head with two hydraulic hose system.
- Slimmest design - one piece piston construction.
- Only one high pressure o-ring - easily changed with four bolts.
- Novel swivel design - 360° or 360° x 360° with one piece add on.
- The power head locks into the separate drives without pins or screws.
- All alloy steel construction - only true convertible tool.
- Ready for optional handle.

A Drive (hex link)

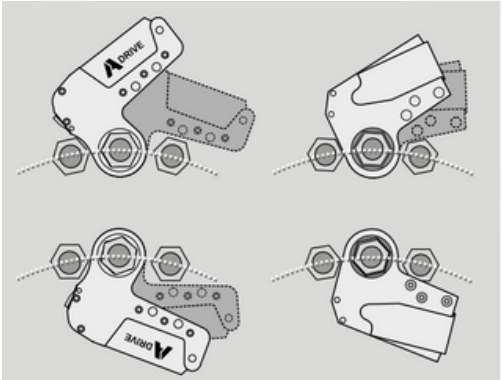
- Slimmest design - no loose shroud - totally enclosed.
- Reaction arm/pad ready with 2 pin holes.
- Patented reaction pawl easily disengaged with screw.
- Fewer parts. Other hex links have many moving parts, increasing breakdowns and need for complex repairs.
- Deepest reach on the market - fits all flanges.
- Upon testing, the A-Drive is 10-50% faster than other hydraulic wrenches.



The hydraulic wrench is so advanced it's not only a tool, it's an entire system. The X-Driver locks into drives which fully protect the cylinder from reaction points. The X-Driver pivots inside the drives, in-line, to prevent side load and tension to the cylinder, for safety and endurance.

V Drive (square drive)

- Push through drive with ball locks.
- Fastest 40° stroke making tool up to 30% faster per stroke.
- Most versatile, patented reaction arm. Arm never needs to come off tool for resetting, unlike competitors. Adjusts in all directions with posilock locator buttons. Totally unique design.
- Thinnest width square drive tool on the market - totally enclosed.
- Optional solid reaction arm available.



A-Drive and X-Driver fits more applications than any other wrench.

The patented design curve creates the longest throat reach, allowing the widest approach angle to fit the tool on the nut, easily, without jogging or manually moving the ratchet. This curve makes the X-Driver the fastest to fit in the industry, on both in-line and inverted applications.



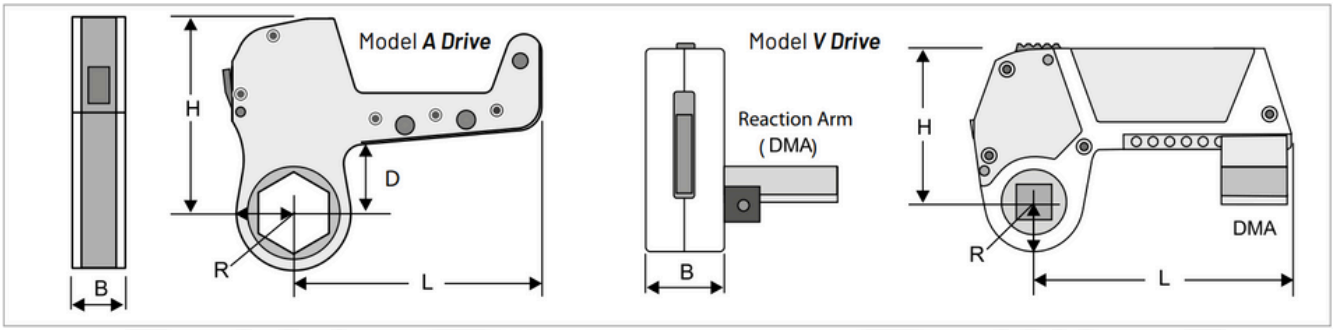
Application Example: A-Drive when fitting a flange coupling in plant construction.

Hands-Free a Drive Safety: The catch lever holds the tool against the reaction point on the piston retract, preventing the operator from holding the tool against the reaction area during tool kick-back on the retract stroke.

Hydraulic Torque Wrenches

Alkitronic X - Driver System

Technical Data



Models *A Drive* (Hex. link)

A Drive + X Driver		Type	A - 2	A - 4	A - 8	A - 16	A - 32	A - 64
Torque range *		Nm	335-2240	805-5370	1560-10400	2690-17920	6600-44000	12450-83000
Torque range *		ft.lbs	247-1652	594-3961	1151-7671	1984-13217	4868-32453	9183-61217
Height	H	mm	104	139	174	208	278	347
Length	L	mm	134	178	223	267	356	446
Distance	D	mm	38	51	63	76	102	127
Width	B	mm	29	38	48	57	76	95
Weight (approx.)		kg / lbs	2.3 / 5.0	5.0 / 11.0	10.5 / 23.5	17.0 / 37.5	33.0 / 72.5	76 .0 / 167.0

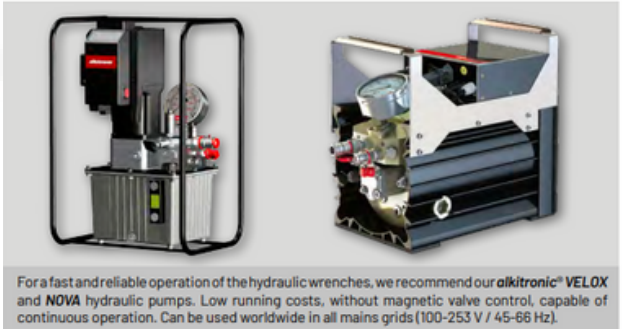
Type A 2-			SW 27	SW 32	SW 36	SW 41	SW 46	SW 50	SW 55	SW 60
Radius (approx.)	R	mm	25	28	31	33	36	39	42	45
Type A 4-			**SW 46**	**SW 50**	**SW 55**	**SW 60**	**SW 65**	**SW 70**	**SW 75**	**SW 80**
Radius (approx.)	R	mm	39	42	45	48	50	53	56	58
Type A 8-			**SW 55**	**SW 60**	**SW 65**	**SW 70**	**SW 75**	**SW 80**	**SW 90**	**SW 100**
Radius (approx.)	R	mm	49	53	56	59	63	66	70	73
Type A 16-			**SW 70**	**SW 75**	**SW 80**	**SW 90**	**SW 100**	**SW 105**	**SW 115**	**SW 125**
Radius (approx.)	R	mm	61	62	65	70	75	81	87	93
Type A 32-			**SW 90**	**SW 100**	**SW 105**	**SW 115**	**SW 125**	**SW 135**	**SW 145**	**SW 155**
Radius (approx.)	R	mm	77	82	88	93	99	104	110	115
Type A 64-			**SW 125**	**SW 135**	**SW 145**	**SW 155**	**SW 165**	**SW 175**	**SW 185**	**SW 195**
Radius (approx.)	R	mm	105	111	116	122	127	133	138	144

Important for the exact reproducibility of the specified torque is a pressure of max. 700 bar. Repeatability ±3%. For a fast, safe and reliable operation of the hydraulic wrenches, we recommend our alkitronic® NOVA or alkitronic® VELOX hydraulic pumps (700 bar pressure, can be used worldwide in all mains grids 100-253 V / 45-66 Hz).

Models *V Drive* (Square drive)

V Drive + X-Driver		Type	V - 2	V - 4	V - 8	V - 16	V - 32	V - 64
Torque range *		Nm	265-1760	625-4174	1225-8155	2115-14100	5015-33420	9790-65280
Torque range *		ft.lbs	195-1298	461-3079	904-6015	1560-10400	3699-24649	7221-48148
Square drive			3/4"	1"	1 1/2"	1 1/2"	2 1/2"	2 1/2"
Height	H	mm	83	111	139	166	222	277
Length (approx.)	L	mm	140	190	240	290	390	490
Radius	R	mm	25	34	42	51	68	85
Width	B	mm	41	55	69	83	110	138
Weight (approx.)		kg / lbs	2.7 / 5.9	6.1 / 13.5	12.0 / 26.5	20.7 / 45.5	43.0 / 94.5	86.0 / 189.0





For a fast and reliable operation of the hydraulic wrenches, we recommend our ***alkitronic® VELOX*** and ***NOVA*** hydraulic pumps. Low running costs, without magnetic valve control, capable of continuous operation. Can be used worldwide in all mains grids (100-253 V / 45-66 Hz).