

# Welding Equipment Selection Chart

## Manual Machines

## Hydraulic Machines

Welding machine	Miniplast®	Maxiplast®	Halar® 6 W900	Shop 12 W2500	Field 6 W4400	Field 6 LF for PVDF	Field 10 Repair
Rental PN	9730000	9622000	9773000	9722000	9792000	9792001	9656000
PRO150 PP-Pure® SDR11	1/2-4" 20-110mm	1 1/2-6" 50-160mm		1 1/2-9" 50-225mm	1 1/2-6" 50-160mm		3-10" 90-250mm
PRO45 PP SDR33	1 1/2-4" 50-110mm	1 1/2-6" 50-160mm		1 1/2-12" 50-315mm	1 1/2-6" 50-160mm		3-10" 90-250mm
Asahitec™ Solid Wall SDR 7.4	1/2"-4" 20-110mm	1/2"-4" 20-110mm		1-1/2" - 4-1/2" 50-125mm	1-1/2-4-1/2 50-125mm		3"-4-1/2" 90-125mm
Asahitec™ Solid Wall SDR 11	1/2"-4" 20-110mm	1/2"-4" 20-110mm		1-1/2-8" 50-200mm	1-1/2-6" 50-160mm		3'-10" 90-250mm
Watertec™	1/2"-4" 20-110mm	1/2"-4" 20-110mm		1-1/2-8" 50-200mm	1-1/2-6" 50-160mm		3"-10" 90-250mm
Climatec™	1/2"-4" 20-110mm	1/2"-4" 20-110mm		1-1/2-8" 50-200mm	1-1/2-6" 50-160mm		3"-10" 90-250mm
Air-Pro® SDR7 Butt	1/2-4" 20-110mm	1 1/2-6" 50-160mm		1 1/2-6" 50-160mm	1 1/2-6" 50-160mm		3-4" 90-110mm
Air-Pro®/PE100 SDR11 Butt	1/2-4" 20-110mm	1 1/2-6" 50-160mm		1 1/2-9" 50-225mm	1 1/2-6" 50-160mm		3-10" 90-250mm
Chem Proline® SDR11 Butt	1/2-4" 20-110mm	1 1/2-6" 50-160mm		1 1/2-9" 50-225mm	1 1/2-6" 50-160mm		3-10" 90-250mm
Super Proline®//Purad® PVDF SDR21 20-280mm/ SDR33 63-400mm	1/2-4" 20-110mm	1 1/2-6" 50-160mm		1 1/2-12" 50-315mm	1 1/2-6" 50-160mm	1 1/2-6" 50-160mm	3-10" 90-250mm
Ultra Proline® Halar® (ECTFE) <sup>^</sup> with Halar mirror IR fusion is recommended over butt fusion	1/2-4" 20-110mm*		1/2-6" 20-160mm				
Duo-Pro® Pro150x150 SDR11x11	1x3-2x4" 32x90-63x110	2x4-3x6" 63x110-90x160		2x4-4x8" 63x110-110x200	2x4-3x6" 63x110-90x160		3x6-6x10" 90x160-160x250
Duo-Pro® Pro150x45 SDR11x33	2x4" 63x110	2x4-3x6" 63x110-90x160		2x4-6x10" 63x110-160x250	2x4-3x6" 63x110-90x160		3x6-6x10" 90x160-160x250
Duo-Pro® Pro45x45 SDR33x33				4x8-8x12" 110x200-200x315	2x4-3x6" 4 x 6 110-160mm		4x8-6x10" 4 x 6 110-160mm
Poly-Flo® PPR	1x1.5-2x3" 32x50-63x90mm	1x1.5-4x6" 32x50-90x160mm		2x3-4x8 63x110-110-200	4 x 6 110-160mm		4 x 6 110-160mm
Poly-Flo® PE100RC	1x1.5-2x3" 32x50-63x90mm	1x1.5-4x6" 32x50-90x160mm		2x3-4x8 63x110-110-200	63x110-90x160		110x200-160x250
Chem Prolok® SDR11x11 and 11x33  *32x90 available in 11x11, other sizes are 11x33 as standard	1x3-2x4" 32x90-63x110	2x4-3x6" 63x110-90x160		2x4-4x8" 63x110-110x200	2x4-3x6" 63x110-90x160		4x8-6x10" 110x200-160x250
Fluid-Lok® HDPE IPS SDR11x11  * with IPS clamp inserts	*1x3	*1x3- 2x4		*2x4	*2x4 *2x4		
Fluid-Lok® HDPE IPS SDR11x17 and higher  * with IPS clamp inserts	*1x3	*1x3- 2x4		*2x4- 4x8	1-4"		3-8"
Domestic IPS HDPE SDR11  * with IPS clamp inserts	1-3"	1-4"		1-10"			

# Welding Equipment Selection Chart

## Hydraulic Machines

Welding machine	Field 12 Repair	Field 12 W4900	Widos 4001 (Shop Tool)	Widos 4002 (Shop Tool)	Field 12 IPS	Field 20 W5500	Field 24 W6100
Rental PN	9685000	9793000	9791000	9790000	9793001	9676000	CF
PRO150 PP-Pure SDR11	3-12" 90-315mm	3-12" 90-315mm	3-12" 90-315mm	3-12" 90-315mm		8-20" 200-500mm	12-24" 315-630mm
PRO45 PP SDR33	3-12" 90-315mm	3-12" 90-315mm	3-12" 90-315mm	3-12" 90-315mm		8-20" 200-500mm	12-24" 315-630mm
Asahitec™ Solid Wall SDR 7.4	3"-4-1/2" 90-125mm	3"-4-1/2" 90-125mm	3"-4-1/2" 90-125mm	3"-4-1/2" 90-125mm		8"-20" 200-500mm	12"-20" 315-500mm
Asahitec™ Solid Wall SDR 11	3"-10" 90-250mm	3"-12" 90-315mm	3"-12" 90-315mm	3"-12" 90-315mm		8"-20" 200-500mm	12"-20" 315-500mm
Watertec™	3"-10" 90-250mm	3"-12" 90-315mm	3"-12" 90-315mm	3"-12" 90-315mm		8"-20" 200-500mm	12"-20" 315-500mm
Climatec™	3"-10" 90-250mm	3"-12" 90-315mm	3"-12" 90-315mm	3"-12" 90-315mm		8"-20" 200-500mm	12"-20" 315-500mm
Air-Pro® SDR7 Butt	3-4" 90-110mm	3-4" 90-110mm	3-12" 90-315mm	3-12" 90-315mm			
Air-Pro®/PE100 SDR11 Butt	3-12" 90-315mm	3-12" 90-315mm	3-12" 90-315mm	3-12" 90-315mm		8-20" 200-500mm	12-24" 315-630mm
Chem Proline® SDR11 Butt	3-12" 90-315mm	3-12" 90-315mm	3-12" 90-315mm	3-12" 90-315mm		8-20" 200-500mm	12-24" 315-630mm
Super Proline®/Purad® PVDF SDR21 20-280mm/ SDR33 63-400mm	3-12" 90-315mm	3-12" 90-315mm	3-12" 90-315mm	3-12" 90-315mm		8-20" 200-500mm	12-24" 315-630mm
Ultra Proline® Halar® (ECTFE) * with Halar mirror							
Duo-Pro® Pro150x150 SDR11x11	3x6-8x12" 90x160-200x315	3x6-8x12" 90x160-200x315	3x6-8x12" 90x160-200x315	3x6-8x12" 90x160-200x315		8x12-12x16" 200x315-315x450	
Duo-Pro® Pro150x45 SDR11x33	3x6-8x12" 90x160-200x315	3x6-8x12" 90x160-200x315	3x6-8x12" 90x160-200x315	3x6-8x12" 90x160-200x315		8x12-16x20" 200x315-400x500	12x16-20x24" 315x400-500x630
Duo-Pro® Pro45x45 SDR33x33	4x8-8x12" 110x200-200x315	4x8-8x12" 110x200-200x315	4x8-8x12" 110x200-200x315	4x8-8x12" 110x200-200x315		8x12-16x20" 200x315-400x500	12x16-20x24" 315x400-500x630
Poly-Flo® PPR	4 x 6 110-160mm	4 x 6 110-160mm					
Poly-Flo® PE100RC	4 x 6 110-160mm	4 x 6 110-160mm					
Chem Prolok® SDR11x11 and 11x33 *32x90 available in 11x11, other sizes are 11x33 as standard	4x8-8x12" 110x200-200x315	4x8-8x12" 110x200-200x315	3x6-8x12" 90x160-200x315	3x6-8x12" 90x160-200x315		8x12-12x16" 200x315-315x450	
Fluid-Lok® HDPE IPS SDR11x11 * with IPS clamp inserts					3x6-8x12		
Fluid-Lok® HDPE IPS SDR11x17 and higher * with IPS clamp inserts					3x6-8x12		
Domestic IPS HDPE SDR11 * with IPS clamp inserts	3-10"	3-10"			3-12"	8-18"	12-24"