SITE-ARC MACHINERY

Engine-driven welders, tracked welders and standalone generators from Stiln Ltd.

DESIGNED & BUILT IN THE UK



Choose Your Setup

Application	Range or option	Page
Portable welding and tool power	WPH, WPV and WDY200	02
Higher-output diesel welding	WDY300, WDY400 and WDY500	03
Difficult access and rail work	TW300 and TWD300 tracked models	04
Standalone site power	GPH, GPV and GDY generators	05
Set up for MMA or wire welding	Feeders, guns, leads and clamps	06

Specify Welding Output And Site Power

Match the welding process and current first. Then check the generator output by voltage, the loads that will run together and how the machine will reach the work.

67–69 Quayside Road, Southampton SO18 1AE

© R H Davey Welding Supplies Ltd · Design and editorial content

WHEELED WELDER GENERATORS

Portable Site Welding

Honda and Vanguard petrol options plus the compact Yanmar diesel model for maintenance and fabrication away from mains power.



WPH200-DC



WPV300-DC



WDY200-DC

Model	Engine	Weld output	Auxiliary output	L × W × H / weight
WPH200-AC[1]	Honda GX390 petrol	200 A AC	7.0 kVA · 110 / 230 V	1,000 × 620 × 700mm · 119 kg dry
WPH200-DC	Honda GX390 petrol	200 A DC	4.5 kVA · 110 / 230 V	1,000 × 620 × 700mm · 119 kg dry
WPV300-DC	Vanguard V-Twin petrol	300 A DC	10 kVA · 400 V 3φ / 4.0 kVA · 240 V 1φ	1,200 × 700 × 825mm · 195 kg dry
WDY200-DC	Yanmar L100 diesel	200 A DC	4.5 kVA · 110 / 240 V 1φ	1,000 × 620 × 700mm · 143 kg dry

[1] WPH200-AC is documented in the manufacturer's datasheet. Confirm current availability. For all models, check sockets and concurrent loads when specifying the machine.

© R H Davey Welding Supplies Ltd · Design and editorial content

ACOUSTIC DIESEL WELDER GENERATORS

WDY300, WDY400 & WDY500

Chopper-controlled DC welding with multivoltage auxiliary power. Choose output, enclosure and transport configuration for the site.



WDY300-DC



WDY400-DC



WDY500-DC

Specification	WDY300-DC	WDY400-DC	WDY500-DC
DC welding range	35–300 A	35–400 A	35–500 A
Auxiliary power	10 kVA	10 kVA	15 kVA
Yanmar diesel engine	3-cylinder · 3,000 rpm	4-cylinder · 1,500 rpm	4-cylinder · 1,500 rpm
Datasheet mass	485 kg	865 kg	1,050 kg
Enclosure	Acoustic	Acoustic	Acoustic
Transport	Confirm skid or tow build	Confirm skid or tow build	Confirm skid or tow build

WDY diesel welder datasheet

Configure For The Work

Confirm CC/CV requirements, wire feeder, lead length, outlet voltages, transport, and any site-specific engine shutdown or exhaust options.

© R H Davey Welding Supplies Ltd · Design and editorial content

TRACKED WELDER GENERATORS

TW300 & TWD300

Rubber tracks are for jobs where access, ground conditions or machine positioning make a wheeled set difficult to deploy.



TW300-DC petrol tracked unit



TWD300-DC diesel tracked unit

Specification	TW300-DC · Rail	TWD300-DC
Engine	Vanguard V-Twin petrol · electric start	Yanmar 3-cylinder diesel · 3,000 rpm
Welding	300 A DC electronic chopper	300 A DC electronic chopper, CC/CV
Auxiliary output	4 kVA · 110 V CTE, rail listing	3.3 kVA at 110 / 230 V AC; 10 kVA at 415 V
Listed L × W × H	1,350 × 850 × 1,250mm	1,400 × 850 × 1,250mm
Application	Rail-listed petrol model and remote access	Diesel tracked welding and multivoltage power

Site-Arc identifies TW300-DC as Network Rail Product Approved. Confirm the exact approved configuration and current acceptance conditions for the job.

© R H Davey Welding Supplies Ltd · Design and editorial content

STANDALONE SITE POWER

Petrol & Diesel Generators

Select by electrical load, phase and outlet requirements. Published headline kVA refers to the rated configuration.



GPV 13.5 petrol



GDY 20.0 diesel

Model	Engine	Rated output	L × W × H (mm)
GPH 6.5/1-CR	Honda GX390 petrol	6.5 kVA · 1 phase	1,000 × 620 × 700
GPH 8.0/1-AVR	Honda GX390 petrol	8.0 kVA · 1 phase	1,000 × 620 × 700
GPV 11.0/1-AVR	Vanguard 23 hp EFI petrol	11.0 kVA · 1 phase	1,200 × 700 × 825
GPV 13.5/3-AVR	Vanguard 23 hp EFI petrol	13.5 kVA · 3 phase	1,200 × 700 × 825
GDY 12.5/3-AVR	Yanmar 3-cylinder diesel	12.5 kVA · multivoltage	1,520 × 710 × 980
GDY 20.0/3-AVR	Yanmar 4-cylinder diesel	20 kVA · multivoltage	1,950 × 860 × 1,120
GDY 35.0/3-AVR	Yanmar 4-cylinder turbo diesel	35 kVA · multivoltage	2,000 × 860 × 1,250

Check kVA available at each voltage, motor start-up loads, and the outlets and protection required by the site. Confirm acoustic, skid and road-tow options on diesel models.

© R H Davey Welding Supplies Ltd · Design and editorial content

ACCESSORIES AND ORDERING

Feeders, Guns & Leads

Match the feeder, gun and cable set to the welding process and the machine’s output configuration.



Mighty 425 family



400 A MIG gun



350 A K126 gasless gun

Accessory	Application
Mighty 425/5	5 kg wire feeder
Mighty 425/15	15 kg wire feeder
HD MIG gun	400 A gun for gas-shielded wire
HD K126 gasless gun	350 A gun for self-shielded flux-cored wire
HD electrode holder and cable	MMA welding lead assembly
HD extension cable	Confirm connector, cable section and length
HD earth return cable	Confirm termination and length
HD earth clamp	Replacement work-return clamp

Site-Arc offers genuine parts and a UK service network. The manufacturer advertises a three-year warranty, subject to its terms and the selected equipment.

Site-Arc parts and servicing

© R H Davey Welding Supplies Ltd · Design and editorial content