

# CORE POWER

## HYDRAULIC POWER UNITS & GENERATORS



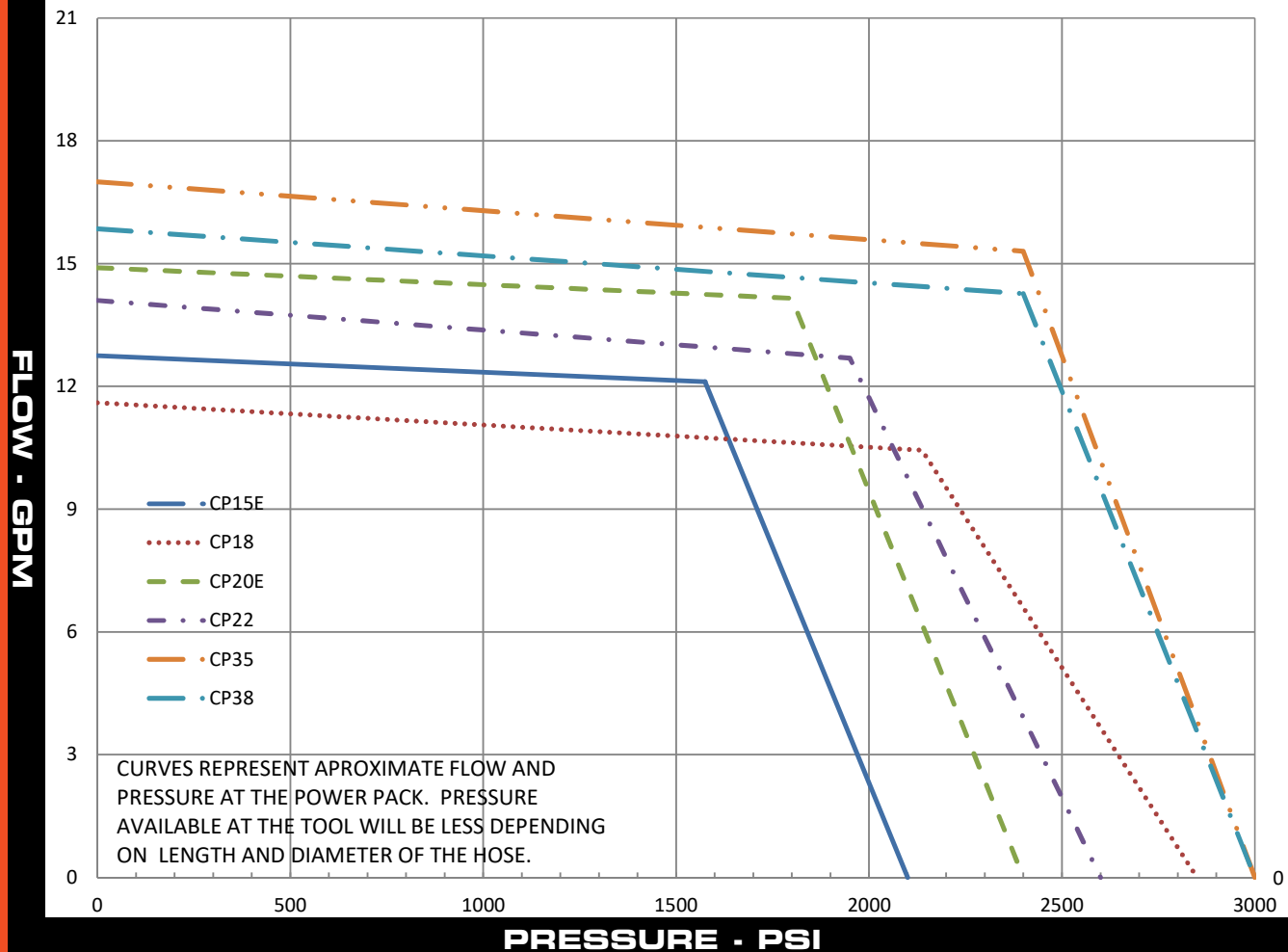
800-321-5336

[diamondproducts.com](http://diamondproducts.com)



# HYDRAULIC PUMP INFO

## HYDRAULIC POWER UNITS - FLOW VS. PRESSURE



### Hydraulic Pump Safety Information

- Check hydraulic fluid level
- Confirm that hoses and fittings are secure
- Make sure all hoses are connected for correct flow direction to and from the tool being used
- Do not inspect hoses and fitting for leaks by using bare hands
- Always wear personal protective equipment when running machinery

# CORE POWER SUMMARY



Model #		Engine or Motor	Flow or Output	Relief Pressure	Hoses or Cords	Dimensions Weight
	<b>CP15EXL</b>	15HP Baldor Electric (230V/460V/575V)	0-12 GPM	2100 psi	25' x 1/2" or 25' x 5/8"	48-1/2"L x 26-1/2"W x 39"H - 450 lbs.
	<b>CP18BVXL</b>	18HP Briggs-Vanguard Gasoline	0-10 GPM	2850 psi	25' x 1/2"	35-1/2"L x 23-1/2"W x 30"H - 350 lbs.
	<b>CP20EXL</b>	20HP Baldor Electric (230V/460V/575V)	0-15 GPM	2400 psi	25' x 5/8"	48-1/2"L x 26-1/2"W x 39"H - 550 lbs.
	<b>CP22HXL</b>	22.1HP Honda Gasoline	0-14 GPM	2600 psi	25' x 1/2" or 25' x 5/8"	48-1/2"L x 26-1/2"W x 39"H - 450 lbs.
	<b>CP35BVXL</b>	35HP Briggs-Vanguard Gasoline	0-17 GPM	3000 psi	25' x 1/2" or 25' x 5/8"	49"L x 26-1/2"W x 39H 596 lbs.
	<b>CP38KXL</b>	38HP Kohler Command EFI Gasoline	0-16 GPM	3000 psi	25' x 1/2" or 25' x 5/8"	52.3"L x 26-1/2"W x 39"H - 550 lbs.
	<b>CP30EXL</b>	30HP Leeson Electric	0-20 GPM	2500 psi	60' x 3/4"	53-1/2"L x 26-1/2"W x 39"H - 700lbs.
	<b>CP40EXL</b>	40HP Leeson Electric	0-20 (H.P.) 0-28 GPM	3600 psi (H.P.) 2500 psi	60' x 3/4"	57"L x 32-1/4"W x 58"H 1,300 lbs.
	<b>CPHG173-85 Hydra-Gen</b>	173HP JCB Diesel (Tier 4 Final)	32 GPM 480V Ø 70A, 240V Ø 30A, 120V Ø 30A & 20A	3000 psi	50' x 1/2" hose 50' 6/4 cord	82"L x 42"W x 72"H 4,620 lbs.
	<b>CPSK-45 Generator</b>	70HP Kohler Diesel (Tier 4 Final)	32 GPM 480V Ø 70A, 240V Ø 30A, 120V Ø 30A & 20A	n/a	---	72"W x 44"W x 66"H 2,500 lbs.
	<b>CPSK-70 Generator</b>	134HP Kohler Diesel (Tier 4 Final)	32 GPM 480V Ø 70A, 240V Ø 30A, 120V Ø 30A & 20A	n/a	---	90"L x 44"W x 56"H 2,900 lbs.
	<b>CP74D Skid Mount</b>	74HP Deutz Diesel (Tier 4 Final)	35 GPM	3000 psi	100' x 3/4" pressure & 100' x 1.00" return	74"L x 30"W x 60"H 2,200 lbs.
	<b>CP74DDC Tow Mount</b>	74HP Kohler Diesel (Tier 4 Final)	32 GPM	3000 psi	100' x 3/4" pressure & 100' x 1.00" return	156"L x 84"W x 63"H 3,350 lbs.
	<b>CP54GK</b>	54HP Kohler Diesel WG16	23 GPM	2500 psi	60' x 3/4" pressure & return	49"L x 32"W x 52"H 1,160 lbs.





# HYDRAULIC PUMP POWER UNITS

**CP15EXL**  
**0-12 GPM**  
**15HP Electric**

**CP18BVXL**  
**0-10 GPM**  
**18HP Gasoline**



## FEATURES:

- 15 HP electric motor
- Adjustable handles
- Large wheels for easy moving
- Heavy duty frame design
- Single lifting point
- Fully adjustable flow control
- Water-cooled

Powered By:



## FEATURES:

- 18 HP Briggs-Vanguard gas engine
- Adjustable handles
- Large wheels for easy moving
- Heavy duty frame design
- Light weight and portable
- Single lifting point
- Fully adjustable flow control
- Air-cooled

Powered By:



## CP15EXL SPECIFICATIONS

Hydraulic Flow	0-12 GPM
Relief Pressure	2100 psi
Hydraulic Tank Capacity	11 gallons
Flow Control	Fully adjustable
Hose	25' x 1/2" or 25' x 5/8"
Quick Disconnects	1/2" and 3/4"
Dimensions	48-1/2" L x 26-1/2" W x 39" H

## CP18BVXL SPECIFICATIONS

Hydraulic Flow	0-10 GPM
Relief Pressure	2850 psi
Hydraulic Tank Capacity	5-1/2 gallons
Flow Control	Fully adjustable
Hose	25' x 1/2"
Quick Disconnects	1/2"
Dimensions	35-1/2" L x 23-1/2" W x 30" H

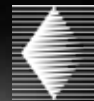
## CP15EXL ELECTRIC POWER UNIT

Model #	Description	Part #	Cat#	Product Weight (lbs)
CP15EXL (1/2")	15 HP 230V Baldor Electric Motor with 1/2" x 25' hose, 0-12 GPM	4250058A	10998	450
CP15EXL (1/2")	15 HP 460V Baldor Electric Motor with 1/2" x 25' hose, 0-12 GPM	4250058B	10286	450
CP15EXL (1/2")	15 HP 575V Baldor Electric Motor with 1/2" x 25' hose, 0-12 GPM	4250058C	73238	450
CP15EXL (5/8")	15 HP 230V Baldor Electric Motor with 5/8" x 25' hose, 0-12 GPM	4250059A	13164	450
CP15EXL (5/8")	15 HP 460V Baldor Electric Motor with 5/8" x 25' hose, 0-12 GPM	4250059B	20568	450
CP15EXL (5/8")	15 HP 575V Baldor Electric Motor with 5/8" x 25' hose, 0-12 GPM	4250059C	14383	450
Tool Tray Option (for Electric Models)		4400262	25074	20
Heavy Duty Wheel Upgrade Kit (Qty 2) for CP15EXL, CP20EXL, CP22HXL, CP35BVXL		4641172	99434	10

## CB18BVXL GAS POWER UNIT

CP18BVXL (1/2")	18 HP Briggs-Vanguard with 1/2" x 25' hose, 0-10 GPM	4250067	34017	350
Heavy Duty Wheel Upgrade Kit (Qty 2) for CP18BVXL		4641173	72444	10

# HYDRAULIC PUMP POWER UNITS



**CP20EXL**  
**0-15 GPM**  
**20HP Electric**

**CP22HXL**  
**0-14 GPM**  
**22.1HP Gasoline**



Shown with Optional Tool Tray

## FEATURES:

- 20 HP electric motor
- Adjustable handles
- Large wheels for easy moving
- Heavy duty frame design
- Single lifting point
- Fully adjustable flow control
- Water-cooled

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## FEATURES:

- 22.1 HP Honda GX660 gas engine
- Heavy duty frame design
- Adjustable handles
- Single lifting point
- Large wheels for easy moving
- Fully adjustable flow control
- Water-cooled

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## CP20EXL SPECIFICATIONS

Hydraulic Flow	0-15 GPM
Relief Pressure	2400 psi
Hydraulic Tank Capacity	11 gallons
Flow Control	Fully adjustable
Hose	25' x 5/8"
Quick Disconnects	1/2" and 3/4"
Dimensions	48-1/2" L x 26-1/2" W x 39" H

## CP22HXL SPECIFICATIONS

Hydraulic Flow	0-14 GPM
Relief Pressure	2600 psi
Hydraulic Tank Capacity	11 gallons
Flow Control	Fully adjustable
Hose	25' x 1/2" or 25' x 5/8"
Quick Disconnects	1/2" and 3/4"
Dimensions	48-1/2" L x 26-1/2" W x 39" H
Cooler Option Part #	4400267
Gas Fuel Tank Capacity	4.4 gallons

## CP20EXL ELECTRIC POWER UNIT

Model #	Description	Part #	Cat#	Product Weight (lbs)
CP20EXL (5/8")	20 HP 230V Baldor Electric with 5/8" x 25' hose, 0-15 GPM	4220029A	43370	550
CP20EXL (5/8")	20 HP 460V Baldor Electric with 5/8" x 25' hose, 0-15 GPM	4220029B	03082	550
CP20EXL (5/8")	20 HP 575V Baldor Electric with 5/8" x 25' hose, 0-15 GPM	4220029C	03085	550
	Tool Tray Option (for Electric Models)	4400262	25074	20

## CP22HXL GAS POWER UNIT

CP22HXL (1/2")	22.1 HP Honda GX690 with 1/2" x 25' hose, 0-14 GPM	4250063	78503	450
CP22HXL (5/8")	22.1 HP Honda GX690 with 5/8" x 25' hose, 0-14 GPM	4250064	35571	450
	Catalytic Muffler for 22.1HP Honda, high mount right side	2702624	25901	25
	Oil to air cooler	4400267	42968	20
	Tool Tray Option (for Gas Models)	4400261	30005	20
	Heavy Duty Wheel Upgrade Kit (Qty 2) for CP15EXL, CP20EXL, CP22HXL, CP35BVXL	4641172	99434	10





# HYDRAULIC PUMP POWER UNITS



**CP35BVXL**  
**0-17 GPM**  
**35HP Gasoline**

**CP38KXL**  
**0-16 GPM**  
**38HP Gasoline**



## FEATURES:

- 35 HP Briggs-Vanguard gas engine
- Heavy duty frame design
- Adjustable handles
- Single lifting point
- Two large wheels for easy moving
- Fully adjustable flow control
- Water-cooled

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## FEATURES:

- 38 HP Kohler EFI gas engine
- Heavy duty frame design
- Adjustable handles
- Single lifting point
- Heavy duty wheels standard
- Fully adjustable flow control
- Water-cooled

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## CP35BVXL SPECIFICATIONS

Hydraulic Flow	0-17 GPM
Relief Pressure	3000 psi
Hydraulic Tank Capacity	11 gallons
Flow Control	Fully adjustable
Hose	25' x 5/8" or 1/2"
Quick Disconnects	1/2" and 3/4"
Dimensions	49" L x 26-1/2" W x 39" H
Gas Fuel Tank Capacity	4.4 gallons

## CP38KXL SPECIFICATIONS

Hydraulic Flow	0-16 GPM
Relief Pressure	3000 psi
Hydraulic Tank Capacity	11 gallons
Flow Control	Fully adjustable
Hose	25' x 5/8" or 1/2"
Quick Disconnects	1/2" and 3/4"
Dimensions	52.3" L x 26-1/2" W x 39" H
Gas Fuel Tank Capacity	4.4 gallons

## CP35BVXL GAS POWER UNIT

Model #	Description	Part #	Cat#	Product Weight (lbs)
CP35BVXL (5/8")	35 HP Briggs-Vanguard gas engine (993cc) with 5/8" x 25' hose	4220028	03109	596
CP35BVXL (1/2")	35 HP Briggs-Vanguard gas engine (993cc) with 1/2" x 25' hose	4220035	18537	596
CP35BVXL (no hose)	35 HP Briggs-Vanguard gas engine (993cc) without hose kit	4250071	99447	550
	Oil to air cooler option for CP35BVXL	4400298	81268	40
	Catalytic Muffler for 35HP Briggs Vanguard gas engine	2707355	29029	20
	Tool Tray Option (for Gas Models)	4400261	30005	20
	Heavy Duty Wheel Upgrade Kit (Qty 2) for CP15EXL, CP20EXL, CP21HXL, CP35BVXL	4641172	99434	10

## CP38KXL GAS POWER UNIT

CP38KXL (5/8")	38 HP Kohler Command EFI gas engine with 5/8" x 25' hose	4241171	103921	550
CP38KXL (1/2")	38 HP Kohler Command EFI gas engine with 1/2" x 25' hose	4241174	108204	550
CP38KXL (no hose)	38 HP Kohler Command EFI gas engine with no hose	4241175	108205	535
	Air to Oil Cooler	4400307	108136	42
	Tool Tray Option (for Gas Models)	4400261	30005	20

# HYDRAULIC PUMP POWER UNITS



**CP30EXL**  
**0-20 GPM**  
**30HP Electric**

**CP40EXL**  
**0-28 GPM**  
**40HP Electric**



## FEATURES:

- 30HP electric motor
- Heavy duty frame design
- Single lifting point
- Large wheels for easy moving
- Water-cooled

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## FEATURES:

- 40HP electric motor
- Heavy duty frame design
- Four heavy duty wheels for easy moving
- Four lifting points
- Fully adjustable flow control
- Water-cooled

## CP30EXL SPECIFICATIONS

Hydraulic Flow	0-20 GPM
Relief Pressure	2500 psi
Hydraulic Tank Capacity	23 gallons
Flow Control	Fully adjustable
Hose	60' x 3/4"
Quick Disconnects	3/4"
Dimensions	53-1/2" L x 26-1/2" W x 39" H

## CP40EXL SPECIFICATIONS

Hydraulic Flow	0-20 GPM (H.P.) 0-28 GPM
Relief Pressure	3600 psi (H.P.) 2500 psi
Hydraulic Tank Capacity	23 gallons
Flow Control	Fully adjustable
Hose	60' x 3/4"
Quick Disconnects	3/4"
Dimensions	57" L x 32-1/4" W x 58" H

## CP30EXL ELECTRIC POWER UNITS

Model #	Description	Part #	Cat#	Product Weight (lbs)
CP30EXL (3/4")	30 HP Leeson Electric motor with 3/4" x 60' hose, 0-20 GPM, 230V w/starter box	4250050A	04487	700
CP30EXL (3/4")	30 HP Leeson Electric motor with 3/4" x 60' hose, 0-20 GPM, 460V w/starter box	4250050B	09534	700
CP30EXL (3/4")	30 HP Leeson Electric motor with 3/4" x 60' hose, 0-20 GPM, 575V w/starter box	4250050C	04263	700

## CP40EXL ELECTRIC POWER UNIT

CP40EXL H.P. (3/4")	40 HP Electric motor with 3/4" x 60' hose, 0-28 GPM, 460V w/starter box	4250053	85392	1,300
CP40EXL (3/4")	40 HP Electric motor with 3/4" x 60' hose, 0-28 GPM, 460V w/starter box	4250052	48597	1,300





# HYDRA-GEN POWER UNITS

## Power Generator and Hydraulic Pump All-In-One Unit!



Tier 4 Final



Powered By:



HYDRA-GEN

**32 GPM**  
**480V-240V-120V Electric**  
**174HP Diesel**

### FEATURES:

- 174HP JCB Ecomax Tier 4 Final Diesel Engine
- Auxilliary driven direct drive hydraulic pump that eliminates belts, sheaves, bearing supports and more
- 85KVA Generator with adjustable voltage regulation and 100 amp main service
- True dual circuit unit with total capacity of 32 GPM and 3000 PSI
- Single to use wireless controls or can be operated at the controller
- Integrated 50 gallon fuel tank
- Water-proof Hubbell electrical receptacles

### HYDRA-GEN SPECIFICATIONS

<b>Engine</b>	174HP JCB Diesel Ecomax Tier 4 Final
<b>Electrical</b>	480V 3Ø 70A, 240V 1Ø 30A, 120V 1Ø 30A & 20A
<b>Hydraulics</b>	32 GPM and 3000 PSI
<b>Dimensions</b>	Length: 82", Width:42", Height: 72", Weight:

### CPHG173-85 HYDRA-GEN POWER UNIT

Description	Part #	Cat #	Product Weight (lbs.)
CPHG174-85 Hydra-Gen Power Unit	4250312	65403	4,620
CPHG174-85 Hydra-Gen Power Unit - Open version	4250314	106202	3,930
50' hose set (2) with valve and quick disconnects	CC-50-HH	85202	55
100' hose set (2) with valve and quick disconnects	CC-100-HH	85203	110
50' 6/4 cord with plugs	CC-50-EC	85204	50
100' 6/4 cord with plugs	CC-100-EC	85205	100





**CPSK-70**

This unit is sold as an open generator to be factory installed in our Custom Trucks



**CPSK-45**

Powered By:



**480V-240V-120V Output**  
**70HP & 134HP Diesel**

**FEATURES:**

- Dedicated 70KW generator
- Tier 4 Final Kohler 134HP diesel engine
- Single start/run control
- Adjustable voltage regulator
- Integrated DEF tank

**CPSK-70 SPECIFICATIONS**

<b>Engine</b>	134HP Kohler Diesel Tier 4 Final
<b>Electrical</b>	480V 3Ø 70A, 240V 1Ø 30A, 120V 1Ø 30A & 20A
<b>Dimensions</b>	Length: 90", Width:44", Height: 56", Weight: 2900 lbs.

**CPSK-45 SPECIFICATIONS**

<b>Engine</b>	70HP Kohler Diesel Tier 4 Final
<b>Electrical</b>	480V 3Ø 70A, 240V 1Ø 30A, 120V 1Ø 30A & 20A
<b>Dimensions</b>	Length: 72", Width: 44", Height: 66", Weight: 2500 lbs.

**CPSK-70 & CPSK-45 OPEN GENERATOR UNITS**

Description	Part #	Cat #	Product Weight (lbs.)
CPSK-70 Generator Set 70kW (for Custom Utility Trucks)	4250310	58890	2900
CPSK-45 Generator Set 45kW (for Custom Utility Trucks)	4250311	100941	2500



# CP74D SKID-MOUNTED POWER UNIT



Tier 4 Final



CP74D

**35 GPM**  
**74HP Diesel**

### FEATURES:

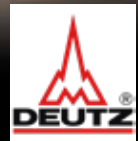
- DVERT Oxidation Catalyst (DOC), Maintenance-free operation.
- Fully Adjustable 1-35 Gallon per Minute Hydraulic Flow Rate
- Completely enclosed, self contained design
- Integrated safety features including warnings and shutdown commands to protect power pack including:
- Low Hydraulic Fluid Indicator
- Hydraulic Fluid Over Temperature Indicator
- Clogged or Dirty Hydraulic Filter Indicator
- Standard Engine Controls ( Low Oil Pressure, Coolant Over Temperature, ETC)

### CP74D SPECIFICATIONS

<b>Engine</b>	Deutz TD2.9L4 Tier 4 Final, Liquid-Cooled Turbo Charged Common Rail
<b>Max GPM</b>	35 GPM
<b>Max PSI</b>	3,000 psi
<b>Flow/Pressure Control</b>	Fully adjustable
<b>Hydraulic Tank Capacity</b>	44 gallons
<b>Diesel Fuel Tank Capacity</b>	17 gallons
<b>Dimensions</b>	74" L x 30" W x 60" H
<b>Weight</b>	2,200 lbs. (Including fluid)



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### Local or Remote Operations, Via Wireless Controller

- Murphy PV450 Color Display digitally indicated all necessary engine information, hydraulic system information and maintenance information.
- Kar-Tech Wireless Control System, with 2 Line MEGA Series Remote Display that indicates System Pressure and Hydraulic Flow, allows for flow and pressure adjustments, hydraulic function ON/ OFF, and Emergency Stop.
- Charges Directly off the Power unit via the incorporated docking station/charger.

### CP74D POWER UNIT

Model #	Engine Make	Engine Power	Power Source	Part #	Cat #
CP74D	Deutz TD2.9L4	74 HP	Diesel	5801545	60687



# CP74DDC TOWABLE HYDRAULIC POWER UNIT



Tier 4 Final



CP74DDC

Powered By:



**32 GPM**  
**74HP Diesel**

## FEATURES:

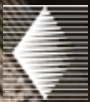
- Towable dual independent circuit hydraulic power pack
- 74 HP Kohler Diesel Tier 4 Final engine
- No regeneration / DEF system
- ECU controlled hydraulic circuit with built in safety controls to protect from overheating and low fluid levels
- All LED lighting, redesigned fuel fill and large fuel tank
- Hannay power reels with 100' pressure and return hose for primary circuit included

## CP74DDC SPECIFICATIONS

<b>Engine</b>	Kohler 74HP Tier 4 Final
<b>Max GPM</b>	32 GPM
<b>Max PSI</b>	3,000 psi
<b>Flow/Pressure Control</b>	Fully adjustable
<b>Hydraulic Tank Capacity</b>	39 gallons
<b>Diesel Fuel Tank Capacity</b>	27 gallons
<b>Hose</b>	100' x 3/4" pressure & 100' x 1.00" return
<b>Dimensions</b>	156"L x 84"W x 63"H, 3,350 lbs.
<b>Reels</b>	Hannay Brand power rewind

## CP74DDC POWER UNIT

Model #	Engine Make	Engine Power	Power Source	Part #	Cat #
CP74DDC	Kohler	74 HP	Diesel	5801450	48079



# CP54GK HIGH-PERFORMANCE POWER UNIT



Powered By:



Kubota



**23 GPM**  
**54 HP Gasoline**

### FEATURES:

- 4.3" HMI controls display
- 12Volt electric fan HOC for oil cooling
- Danfoss hydraulic pump
- Compact design
- Easy-roll wheels for mobility on the job site
- 

### CP54GK SPECIFICATIONS

Engine	54HP Kubota WG16 Gas
Max GPM	23 GPM
Max PSI	2,500 psi
Flow/Pressure Control	Fully adjustable
Hydraulic Tank Capacity	2.5 gallon
Hoses	60' x 3/4" quick disconnects
Dimensions	49" L x 32" W x 52" H
Weight	1,160 lbs. (Including fluid)

### CP54GK POWER UNIT

Model #	Engine Make	Engine Power	Power Source	Part #	Cat #
CP54GK	Kubota WG16	54 HP	Gasoline	5801456	109253

### POWER THIS EQUIPMENT WITH HYDRAULICS:

- Hydraulic Hand Saws
- Wall Saws
- Wire Saws
- Hydraulic Core Rigs
- Hydraulic Chain Saws

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