

# BACKHOE

## BASE MODEL BACKHOE PRICING

### SPECIFICATION NO. 3.1

Vendor Name:	<b>Titan Machinery Inc</b>
Contact Person:	<b>Andy Bethel</b>
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Version of Excel used: **16**

Spec Number	Information Requested	Answer
<b>3.1.1</b>	<b>Make &amp; Model</b>	Case 580N
	Engine HP gross/net (SAE)	90hp Gross / 83hp Net
	Aspiration	Turbo Charged
	Transmission, type	Power Shuttle
	Transmission, number of forward gears	4
	Transmission, number of reverse gears	4
	Hydraulic pump (GPM and PSI)	28.5 gpm @ 3350 psi
	GPM for backhoe	28.5 gpm
	GPM for loader	28.5 gpm
	Brakes	Hyd Wet Disc Brakes
	Steering	Hydrostatic
	Drive Axles	Planetary
	Front tires, size and type	11L X 16 10PR
	Rear tires, size and type	17.5L x 24, 10PR
	Backhoe digging depth (SAE) (Standard stick)	14' 9"
	Backhoe digging depth 2' flat bottom (SS)	14' 8"
	Backhoe reach from swing pivot at ground line (SS)	18' 4"
	Backhoe loading height (SS)	11' 9"
	Backhoe loading reach (SS)	6' 9"
	Backhoe digging depth (SAE) (Retracted extendable stick)	14' 9"
	Backhoe digging depth (SAE) (Extended extendable stick)	18' 3"
	Backhoe digging depth 2' flat bottom (RES)	14' 8"

Backhoe digging depth 2' flat bottom (EES)	18' 1"
Backhoe reach from swing pivot at ground line (RES)	18' 4"
Backhoe reach from swing pivot at ground line (EES)	21' 8"
Backhoe loading height (RES)	11' 9"
Backhoe loading height (EES)	14' 1"
Backhoe loading reach (RES)	6' 9"
Backhoe loading reach (EES)	9' 4"
Loader maximum operating height	13' 9"
Loader lift capacity at maximum height	6,803 lbs.
Loader breakout force	9,506 lbf
Loader maximum hinge pin height	11' 3"
Loader dump reach at maximum height	31.5"
Loader maximum bucket roll back at ground level	42 Degrees
Loader digging depth, with bucket flat	6.1"
Lights, front/rear	2 Headlights, 4 Rear Floods, 2 Side Lights
Gauges	Engine Water Temperature, Converter Oil Temperature, Fuel Level, Tachometer, Hour Meter, Def Level
Warranty Term (hours, days, months, or years)	1YR unlimited hours, 2YR 2,000 hours Power-Train
<b>Base Unit Price</b>	Used Discount off of List method

## 580N T4 FINAL BACKHOE LOADER US PRICE LIST

COMMERCIAL MODEL	Weight	Factory Data	List Price
580N 2WD T4 FINAL.	16,589 LB		\$102,727.00
580N 4WD T4 FINAL.	17,751 LB		\$115,699.00

## 580N T4 FINAL BACKHOE LOADER US PRICE LIST

Order Code	Description	Weight	Factory Data	List Price
<b>TRANSMISSION</b>				
SD_08025 TRANSMISSION				
	423058	2WD Power Shuttle Transmission		No Charge
	423059	4WD Power Shuttle Transmission		No Charge
	423061	4WD Powershift S-Type Trans. <b>PowerDrive S-Type Transmission</b> <b>S-Type Auto Shifting with Direct Drive Lock-Up feature Standard. Includes additional Forward-Neutral-Reverse switch on loader joystick</b>		\$2,370.00
<b>WHEELS</b>				
<b>FRONT WHEELS</b>				
SD_13002 FRONT WHEELS				
2 Wheel Drive				
	8101110	11Lx16, 10PR F3 laborer tread		No Charge
4 Wheel Drive				
	8201110	12x16.5, 10PR lug tread		No Charge
	9200015	12.5/80x18 10PR Sure grip lug <b>Models 580N &amp; 580SN also includes a Heavy Duty Front Axle</b>		\$997.00
	9200023	305/70 R16.5 Michelin <b>Michelin Bibsteel Radial Tires</b>		\$558.00
	9200024	340/80 R18 Michelin <b>Michelin XMCL Radial Tires</b> <b>Models 580N &amp; 580SN also includes a Heavy Duty Front Axle</b>		\$1,938.00
<b>REAR WHEELS</b>				
SD_09006 REAR WHEELS				
	8401140	19.5LX24, 10PR STD <b>Brand Preference Not Selectable</b> <b>Note: Tire chains cannot be used on 19.5x24 tires</b>		No Charge
	9300018	500/70 R24 Michelin <b>Michelin XMCL Radial Tires</b>		\$1,316.00
<b>BACKHOE</b>				
SD_L8000 BHOE PERFORMANCE PKG				
	464071	BASE UNIT - STD DIPP <b>Base Unit - Standard Dipper ONLY</b>		No Charge
	464072	1-WAY AUX & STD DIPP <b>1-Way Flow BHOE Auxiliary Hydraulics &amp; Standard Dipper</b>		\$2,728.00
	464073	EXTENDAHOE PKG <b>Extendahoe (EHOE) Dipper</b>		\$6,187.00
	464074	2-WAY AUX & EHOE PKG <b>2-Way Flow BHOE Auxiliary Hydraulics &amp; Extendahoe (EHOE) Dipper</b>		\$8,972.00
<b>FRONT COUNTERWEIGHTS</b>				
SD_40020 FRONT BALLAST				
	423010	Heavy Front CWT, Std. <b>900 lb. counterweight for standard backhoe - 580N EP</b> <b>1100 lb. counterweight for standard backhoe - 580N, 580SN</b>		\$1,250.00
	423047	Heavy Front CWT, Extndhoe <b>900 lb. counterweight - 580N EP</b> <b>1100 lb. counterweight - 580N and 580SN</b>		\$500.00
<b>CONTROLS</b>				
SD_20038 BACKHOE CONTROLS				
	X20038X	Standard Controls <b>Standard foot swing controls</b> <b>Power lift is standard on 580SN, 580SN WT and 590SN.</b>		No Charge

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<b>Backhoe Controls - Manual</b>					
	742369	Dual Lever Controls In lieu of foot swing, for backhoe Power lift is standard on 580SN, 580SN WT and 590SN.			\$425.00
<b>Backhoe Controls - Pilot</b>					
	747669	Pilot Controls With Auto-Up stabilizer control - includes backhoe/excavator pattern change switch			\$2,380.00
<b>COUPLER</b>					
SD_20039 BACKHOE COUPLER					
	423048	LINKS ONLY			No Charge
	442018	Mechanical Quick Coupler			\$742.00
	745162	Universal Mech Quick Coupler Coupler works with: CASE N Series, Deere 410 size & 310 "S" size machines and CAT - Not compatible with Deere 310 std or EP models (i.e. 310L EP, 310L, 310K, etc.) Not for use with 745274 Thumb.			\$1,056.00
<b>BUCKETS</b>					
SD_L5215 BACKHOE BUCKET					
	XL5215X	No Backhoe Bucket			No Charge
<b>Universal Buckets</b>					
	423068	18" Universal Bucket 5.30 cu. ft./15 cu. m. heaped capacity Includes SmartFit teeth			\$1,200.00
	423069	24" Universal Bucket 7.70 cu. ft./22 cu. m. heaped capacity Includes SmartFit teeth			\$1,325.00
	423070	30" Universal Bucket 10.20 cu. ft./29 cu. m. heaped capacity Includes SmartFit teeth			\$1,424.00
<b>STABILIZER PADS</b>					
SD_L5401 STABILIZER PADS					
	442055	Cleated Dirt Pads			No Charge
	442056	Flip Over/Stabilizer Pads Comb			\$816.00
<b>SD_L7014 THUMB OPTION</b>					
	XL7014X	NO THUMB OPTION			No Charge
	745274	THUMB OPTION CASE hydraulic Thumb, factory installed directly to EHOE outer section & direct plumbed. Thumb tucks & locks back against EHOE when not in use. Includes: 2 replaceable, high strength, bolt on tines w/ two positions for Universal or Hi-Cap buckets. Meshes w/ Bucket teeth on 18" & 24" Bucket. Requires EXTENDAHOE Requires 2 way Aux Hydraulics Not for use with 745162 Universal Coupler.			\$3,911.00
<b>LOADER</b>					
SD_L5302 LOADER BUCKET					
	742242	No Loader Bucket, Pins Only			No Charge
<b>Pin-on Buckets - Less Teeth</b>					
	747862	82" HD Long lip w/cutting Edge (1 cu.yd.) Includes bolt-on cutting edge & lift eyes			\$2,529.00
	747863	82" 4x1 Bkt w/Cutting Edge (1.03 cu. yd.) Includes 3 bolt-on cutting edges Must order Loader Auxiliary Hydraulics			\$5,800.00
	747539	93" HD Long Lip w/cutting Edge (1.3 cu.yd.) Includes bolt-on cutting edge & lift eyes			\$2,600.00

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## SD\_L8001 LDR PERFORMANCE PKG

	464076	BASE UNIT PKG			No Charge
	464077	RIDE CTRL & CM STEER Ride Control & Comfort Steering -Auto Ride Control -Comfort Steer - Reduces amount of times the steering wheel must be turned to travel from lock to lock. Comfort Steer is not available on EP models This bundle is not available on 2WD models			\$1,762.00
	464078	RC & CS & 3SPL PKG Includes bundle 464077 and: Auxiliary Hydraulics Loader - Aux Hydraulics & controls. Includes proportional roller w/ selectable detent This bundle is not available on 2WD models			\$3,071.00
	464079	RC, CS, 3SPL, HYD CP Includes bundle 464078 and: -Hydraulic Ldr Quick Attach - Engage/release attachment from operators seat. ONLY available on 4WD models This bundle is not available on 2WD models			\$7,033.00

## ROLLOVER PROTECTIVE STRUCTURE

## SD\_05097 ROLLOVER PROTECTIVE STRUCTURES

Canopy					
	442082	Canopy, ROPS Tilt steering is not available on Canopy models.			No Charge
Cab					
	747855	Cab, LH Door w/Heater/AC Includes one door, defroster, door activated dome light, four front, four rear, and two adjustable side lights, floor mat, tinted glass, radio ready, front & rear wiper and fender extensions. Includes Bluetooth Radio			\$9,067.00
	747853	Cab, 2 Door with Heat and AC Includes two doors, defroster, door activated dome light, four front, four rear, and two adjustable side lights, floor mat, tinted glass, radio ready, front & rear wiper and fender extensions. Includes Bluetooth Radio Deluxe Cab Package: Deluxe interior, viscous fan (standard on 580SN and larger), visor and 72 dba sound level.			\$11,467.00

## OPERATOR'S SEATS

## SD\_05129 OPERATOR'S SEAT

	747851	Mech Susp, Vinyl, w/ armrests Available for use with both Cab and ROPS options.			No Charge
	747770	Mech Susp, Cloth, w/ armrests Not for use with ROPS Canopy option 442082.			\$23.00
	745161	Premium Air Susp Heated Premium multi-color, hand stitched cloth, heated air suspension seat. Not for use with ROPS Canopy option 442082.			\$848.00

## 580N T4 FINAL BACKHOE LOADER US PRICE LIST

## ADDITIONAL EQUIPMENT TLB

## SD\_06081 LIGHTS

	745243	Standard Lights			No Charge
	745242	LED Light Package 4 Front, 4 rear, and 2 side light LED Lights			\$1,036.00

## SD\_18011 FRONT FENDERS

	X18011X	No Front Fenders			No Charge
	742803	Front Fenders			\$419.00

## COLD START AIDS

## SD\_02048 COLD START/BATTERIES

	X02048X	No Cold Start Single Battery			No Charge
	423093	Cold Start Dual Battery Cold Start option: Dual Batteries, Engine Block Heater and a heated CCV hose. This option is recommended for machine start-up and operation at temperatures below 32° F (0° C). Required when ordering Severe Cold weather option 745252.			\$847.00

## SD\_02112 SEVERE COLD WEATHER

	X02112X	Standard Climate			No Charge
	745252	Severe Cold Weather Includes Hy Tran Ultraction SSL Transmission & Hyd. Fluids, & SAE 0W40 CJ-4 Engine Oil - recommended for machine start-up and operation at temperatures consistently below 0 degrees Fahrenheit. If ordered, you MUST also order 423093 Dual Batteries/Grid Heater/Engine Block Heater Option.			\$1,092.00

## DECALS AND OPERATOR'S MANUALS

## SD\_47086 OPERATOR'S MANUAL &amp; DECALS

	X47086X	English for North America			No Charge
	747882	French for Canada			No Charge
	747883	Spanish for N. and S. America			No Charge

## 580N T4 FINAL BACKHOE LOADER US PRICE LIST

## Factory Supplied Attachments

Order Code	Description	Weight	Factory Data	List Price
<b>Backhoe Attachments</b>				
48178999	CASE Hyd Thumb Option EHOE Installs directly to EHOE outer section & direct plumbed. Thumb tucks & locks back against EHOE when not in use. Includes: 2 replaceable, high strength, bolt on tines w/ two positions for Universal or Hi-Cap buckets. Meshes w/ Bucket teeth on 18" & 24" Bucket. Requires EXTENDAHOE, 2 way Aux Hydraulics and Heavy Counterweight. Not for use with 423092 Gripper Teeth or 742162 Universal Coupler.	351 LB		\$3,342.00
48172951	Universal BHOE Coupler STD For units equipped with mechanical coupler and standard dipper. Coupler works with: CASE N Series, Deere 410 size & 310 "S" size machines and CAT - Not compatible with Deere 310 std or EP models (i.e. 310L EP, 310L, 310K, etc.)	218 LB		\$1,220.00
48172954	Universal BHOE Coupler EHOE For units equipped with mechanical coupler and Extindahoe. Coupler works with: CASE N Series, Deere 410 size & 310 "S" size machines and CAT - Not compatible with Deere 310 std or EP models (i.e. 310L EP, 310L, 310K, etc.)	218 LB		\$1,220.00
48172950	Conv to Universal BHOE Coupler STD For units with straight backhoe links and standard dipper. Coupler works with: CASE N Series, Deere 410 size & 310 "S" size machines and CAT - Not compatible with <i>Deere 310 std or EP models (i.e. 310L EP, 310L, 310K, etc.)</i>	348 LB		\$1,768.00
48172949	Conv to Universal BHOE Coupler EHOE For units with straight backhoe links and Extindahoe. Coupler works with: CASE N Series, Deere 410 size & 310 "S" size machines and CAT - Not compatible with <i>Deere 310 std or EP models (i.e. 310L EP, 310L, 310K, etc.)</i>	348 LB		\$1,768.00
48106453	No Aux to 1way Aux w/Manual (STD) Operates hammers, plate compactors or similar 1-way flow attachments. Includes boom guard, dial to adjust 1-way flow rate, foot pedal to activate 1-way flow attachments and capped tubes routed to dipper stick. Refer to standard features page for GPM specifications. For use with units that do NOT have an auxiliary backhoe hydraulic system.	206 LB		\$2,450.00
48106455	No Aux to 1way Aux w/Manual (EHOE) Operates hammers, plate compactors or similar 1-way flow attachments. Includes boom guard, dial to adjust 1-way flow rate, foot pedal to activate 1-way flow attachments and capped tubes routed to dipper stick. Refer to standard features page for GPM specifications. For use with units that do NOT have an auxiliary backhoe hydraulic system.	220 LB		\$2,450.00

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**Buckets - Loader**

	48125953	82" Bucket w/cutting Edge Includes Bolt on Cutting Edge	833 LB		\$2,408.00
	48120336	82" 4-in-1 Bucket Pin on with bolt on cutting edge Requires 3-spool loader kit or loader auxiliary option	1,590 LB		\$6,282.00
	48125948	93" wide long lip (1.3 cu yd) w/ Bolt on Cutting Edge			\$2,856.00

**Buckets - Backhoe**

	48126345	18" Universal Bucket 5.30 cu. ft./ 15 cu. m. heaped capacity Includes SmartFit teeth			\$1,459.00
	48126348	24" Universal Bucket 7.70 cu. ft./22 cu. m. heaped capacity Includes SmartFit teeth			\$1,629.00
	48126349	30" Universal Bucket 10.20 cu. ft./29 cu. m. heaped capacity Includes SmartFit teeth			\$1,781.00

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**Tractor Attachments**

	48030375	Chaff Screen Additional fine mesh screen in front of standard grille	5 LB		\$319.00
	47959107	Tool Box	28 LB		\$172.00
	47959394	DEF Locking Covers Locking DEF/FUEL covers.	15 LB		\$132.00
	48067465	Front Fenders	14 LB		\$394.00
	48130642	Std Counterweight 700# Front CWT	705 LB		\$1,100.00
	48130648	HEAVY Counterweight 1100# Front CWT	1,105 LB		\$1,585.00
	51434792	AUTO RIDE CONTROL STD			\$1,357.00
	51434794	RIDE CONTROL 2WD			\$1,182.00

**3 Spool Loader Valves**

	47955719	Mech - 3 SPL - PSHIFT Trans 3 Spool for Mechanical Controls & all Powershift Transmissions	143 LB		\$2,453.00
	51436108	MECH 3 SPL STD Trans 3 Spool for Mechanical Controls & Std Transmission	143 LB		\$2,461.00
	51436109	Pilot 3 SPL PSHIFT Trans 3 Spool for Pilot Controls & all PowerDrive Transmissions	143 LB		\$2,461.00
	51436112	Pilot 3 SPL STD Trans 3 Spool for Pilot Controls & Std Transmission	143 LB		\$2,461.00