INTRODUCTION

This Guide is a list of working tools made by John Deere and other manufacturers which may be used on John Deere construction and forestry equipment. It is a reference for locating the types of specialized tools and equipment needed by our customers.

Questions about availability, prices, and installation information on specific tools and equipment should be directed to your John Deere Construction Equipment dealer.

HOW TO USE THIS GUIDE

The listings are for reference only. They do not suggest the size or model of attachment suitable for each John Deere machine. In order to properly match an attachment to a John Deere machine, ask your John Deere dealer.
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AIR SCREEN GROUP

Extreme service air screen group for use with trash-resistant cooling package (Code 9040) for 4WD loaders. Includes perforated/corrugated side shield doors, hood screen, and engine frame rubber debris baffle. The lower engine compartment rubber baffle blocks dirty airflow from around the tire and bottom guard area. Cool, screened air is drawn in from above the engine to ensure the cleanest airflow available. Applications: waste handling, recycling, wood chip handling, etc. Also recommended for high ambient conditions such as inside buildings and extreme dirty, dusty conditions.

AIR TRANSPORTABILITY

Information on modifications required for transporting units by air is available on most units.

ARM, EXTENDIBLE (Excavator)

Replaces the standard arm. Extends and retracts hydraulically. Increases reach and digging depth but maintains digging forces when retracted.

Backhoe extendible sticks are a factory option.

ARM, EXTENSION

See Extensions, Arm

ASPHALT AND CONCRETE MILLER

Horizontal drum grinder mounts in place of backhoe bucket or clamps to loader bucket.

AUGERS, EARTH

Hydraulic or PTO-driven augers mount on three-point hitch, backhoe, loader, or excavator.

Earth augers are a factory option for compact excavators.
ATTACHMENTS

AUGERS, LARGE DIAMETER, DEEP HOLE

For excavators. Replaces arm on end of boom. Telescoping kelly bar for low overhead clearance.

AUTOMATIC BLADE/BUCKET CONTROL SYSTEM

Electronic sensors detect an external laser or string grade reference to provide automatic control of blade height on dozers, motor graders, and scrapers. Onboard slope sensors maintain desired lateral slope on the blade. Systems may be selected for full automatic control, semi-automatic control (slope only), or indicate (manual control).

On backhoes and excavators, electronic position sensors on arm indicate digging depth.

BACKHOE

Rear tractor mount with quick-attach feature, for utility wheel tractors.

BAR, TOOTH

Bolts in with two screws over cutting edge of utility loader buckets for quick, easy addition or removal of teeth.

BARREL HANDLER, Clamp-on

Slips over tines of forklift, or clamps to loader bucket. Holds barrels for handling without damage.

BARREL HANDLE/CRUSHER, Excavator Mount

Replaces bucket. Provides full hydraulic control and 360-degree rotation. Can also be used with logs and pipe.

BATTERIES, SPECIAL

Special-order higher capacity batteries. Crawlers, backhoe loaders, four-wheel-drive loaders, and graders.

BATTERY DISCONNECT

A device that prevents excessive auxiliary battery drain by automatically disconnecting the accessory loads from the auxiliary battery.
BATTERY ISOLATOR

A solid-state device that provides automatic charge distribution for multi-battery applications. Is used for powering 12-volt accessories in a 24-volt system.

BLADES

See also DOZERS.

BLADE, Backfill Excavator or Backhoe Mount

Attaches to or replaces bucket on backhoes or excavators for back-filling trenches or small excavations.

BLADE, Clearing

Replaces dozer blade on crawler dozers. Has an extended and sharpened cutting edge that shears small trees at ground level. A splitter or stinger splits large trees and stumps for easier removal. Available in one-way and vee* types.

BLADE, Dozer

Used for grading, digging, and land clearing. Six-way, all hydraulic a.k.a. PAT or power angle and tilt.

BLADE, Landfill Dozer

Angled extensions and a high spill-screen convert the dirt dozer into one specially suited to spreading trash in sanitary landfills.

BLADE, Landscape

Three-point hitch, rear mounted on two-wheel-drive utility tractors. Manual or hydraulic adjustment for pitch, angle, or tilt.

BLADE, Loader Mount

Hydraulic- or manual-angle utility blade replaces bucket or clamps to bucket.

BLADE, Semi-U

Ends of moldboard and end bits are angled toward base, cutting edge is straight.

BLADE, U

The ends of the dozer blade are angled forward to increase the carrying capacity in loose materials. For construction crawler dozers.
ATTACHMENTS

BLADES continued

BLADE, Woodchip Dozer

A U blade with increased height and sidewalls added to increase carrying capacity. Heavy material and coal models available.

BOOMS

BOOM, Excavator Mount

Boom and dipperstick replaced or modified to obtain maximum reach and lift height for scrap or material handling.

BOOM, Heelboom, Log Loader

Replaces arm and boom on excavator for handling logs and pulp wood.

BOOM, High Lift Excavator

Replaces bucket. Used with log grapple for high lift and extra reach.

BOOM, Jib, Loader Mount

Can be used with a quick coupler; replaces bucket.

BOOM, Long-Reach Front

Extra-long, lighter-weight arm and boom for excavator applications requiring extended reach. Lift capacity is reduced. Bucket size is restricted.

BRUSH CUTTER, Rotary or Flail

Heavy-duty “mowers” for clearing brush and small trees along roadways and powerline rights-of-way. Backhoe or excavator mount.

BUCKETS, BACKHOE/EXCAVATOR

Backhoe, excavator, and loader (wheel or track). General purpose, heavy duty, extra heavy duty, stockpiling, trenching, excavating, and multipurpose.
ATTACHMENTS

BUCKET, Articulating Grapple Clam

Hydraulically operated clam-type bucket with 360-degree rotation, for use in demolition and forestry road building.

BUCKET, Barge and Rail Car

Smooth edge, high capacity for unloading bulk materials.

BUCKET, Bellhole and Cemetery

Used for digging manholes; underground transformer stations; straight, vertical, square trenches.

BUCKET, Clamshell

Especially suited to loose runny materials; pulling stumps; picking and placing large rock, trees, brush, etc.

BUCKET, Coal or High Capacity

Extra-large capacity for light materials. Special teeth for smooth bottom.

BUCKET, Compaction

An excavator bucket to dig, place, and compact material. Include either a footed roller or hydraulic vibrator plate compactor as part of the bucket.

BUCKET, Coral Rock

With special short, hardened teeth, and flared side cutters.

BUCKET, Coupler
BUCKETS, BACKHOE/EXCAVATOR continued

BUCKET, Ditch Cleaning

Smooth-edged, wide, shallow buckets in standard or high capacity sizes. Drainage holes optional.

BUCKET, Drop Center

The narrow center cutting edge cuts the exact size trench required for bedding the pipe. The body of this bucket cuts the full width for working clearance down to the top of the pipe. Saves bedding-crushed rock.

BUCKET, General Purpose or Standard Trenching

Trenching or general-purpose digging, with or without teeth. Available in general-purpose, heavy-duty, and extra heavy-duty styles.

Quick-coupler-adapted buckets are a factory option for compact excavators.

BUCKET, Irrigation Ditch or Trapezoidal

Shapes both sides and bottom of ditch in one pass. Width, height, and slope made to order.

BUCKET, Jaw

Multipurpose bucket. Works like clamshell, grading bucket (smooth edge with jaw open), trenching bucket (teeth with jaw closed), and grapple. Also used to support other tools – earth auger, hydraulic breaker, backfill blade, compactor, etc.

BUCKET, Muck

Used on excavator/backhoes for mud removal, in narrow trenches, and under objects.

BUCKET, Pavement Removal

The side sheets are cut out to permit the teeth to slide under the edge of a concrete slab and lift it onto a truck or spoil pile.

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BUCKETS, BACKHOE/EXCAVATOR continued from previous page

BUCKET, Railroad Cribbing

For digging between railroad ties.

BUCKET, Ripper

Teeth are added around the bottom and back of the bucket to loosen frozen or hard ground or rock, either while digging or as a separate operation. The teeth are arranged on a uniform radius from the bucket pivot pin.

BUCKET, Rock

Extra strength, reinforced lip, and special teeth suited for rock.

BUCKET, Sand Flat Bottom V-Ditch

Tapered sides slope the trench sides to reduce cave-in of sandy or unstable soils.

BUCKET, Sand Round Bottom

Shapes bottom of trench to fit diameter of pipe.

BUCKET, Screener/Crusher

A special bucket for backhoes or excavators with three or four rotating screening drums to crush and separate reusable material from rocks and other debris. For reclaiming and reusing excavated spoil material on building sites, plus many more applications.

BUCKET, Side Tilting

Ditch cleaning and grading. Bucket with swinger or side-tilt feature built-in.

BUCKET, V-Bottom Rock and Frost

Aggressive teeth and V-bottom ease digging in frozen and rocky ground.
BUCKETS, BACKHOE/EXCAVATOR continued

BUCKETS, LOADER (Wheel and Crawler)

BUCKET, Demolition

A combination bucket, dozer, grapple, and clamshell; extra-heavy construction.

BUCKET, Ejector

A hydraulically actuated back sheet forces sticky material out of the bucket. Can also be used to unload without dumping the bucket.

BUCKET, General Purpose

The standard and optional equipment buckets sold by John Deere.

BUCKET, High Dump (Roll-out)

Dump pivots located close to cutting edge and auxiliary hydraulic dump cylinders increase dump height and reach under cutting edge. For loose or light materials.

BUCKET, Landfill (Sanitary)

A lighter-weight, larger-capacity bucket. Select sizes that do not exceed lift capacity of loaders.

CAUTION: Consult with DMAC, the customer, and manufacturer to select proper size match for machine and materials.

BUCKET, Light Materials

A lighter-weight, larger-capacity bucket. Select sizes that do not exceed lift capacity of loaders.

CAUTION: Consult with DMAC, the customer, and manufacturer to select proper size match for machine and materials.

BUCKET, M.P. (Multipurpose)

Also known as a “4-in-1” bucket. Combines the features of a regular bucket with a dozer, clamshell, and scraper.

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BUCKETS, LOADER continued from previous page

BUCKET, Pincher

Sideways-acting jaws gather loose trash, leaves, branches, snow, or baled material. Grips and lifts it to dump in garbage trucks or other carriers.

BUCKET, Rock

Spade or V-type cutting edges and straight cutting edge models available. Heavier reinforced construction of high-strength, abrasion-resistant steel. Side plates are cut back to improve penetration in a rock pile.

BUCKET, Rock Picker

A loader bucket with grating bottom, rake teeth, and hydraulic-powered “comb” to gather rocks, bricks, blocks, and other construction debris.

BUCKET, Rock Tine

For sorting or grading shot rock. The fines are sifted out. Retains rock of predetermined minimum size and larger. Tooth spacing adjustable on some models.

BUCKET, Screener/ Crusher

A special bucket for loaders with three or four rotating screening drums to crush and separate reusable material from rocks and other debris. For reclaiming and reusing excavated spoil material on building sites, plus many more applications.

BUCKET, Side Dump

Permits dumping in close quarters where normal loader maneuvers are restricted or time consuming.

BUCKET, Snow or Snow Basket

Oversize, lightweight buckets for clearing and loading snow. (Basket shown.)

BUCKET, Woodchip

Extra-large capacity; extended spill sheets and sidewalls. Lightweight construction.
ATTACHMENTS

CABS
Factory installed comfort cabs for most models.

CAB, RAISED, Excavator
A fixed or hydraulically activated mechanism for raising the cab for better visibility when log loading or material handling. Fixed styles hinge forward for transport.

CABLE PLOWS

CABLE PLOW, Static
A specialized form of ripper used for direct burial of electrical or telephone cable or plastic pipe. Mounts on large and small crawler tractors.

A cable reel carrier is mounted on the front dozer blade or on a tractor-mounted support frame.

CABLE PLOW, Vibratory
A hydraulic motor with eccentric drive shaft vibrates the tool shank to fracture and loosen soft rock or hard ground. A second towing tractor is usually not needed.

CAMERA, Rear Vision

CHAINS, Tire Protection and Traction
Full tread and sidewall protection chains for working in hard rock or other abrasive conditions.

CLAMPS

CLAMP, Backhoe/Excavator
A device to hold oversize, bulky, or unwieldy items in the bucket. For backhoe and excavator. Hydraulic or mechanical.

Backhoe/excavator bucket clamps are a factory option for compact excavators.

CLAMP, Barrel
Loader mount. Lift and move drums and barrels.

CLAMP, Bucket (“THUMB”)
See also GRAPPLES.

continued on next page
Permits the operation of a 12-volt accessory, such as a two-way radio, on 24-volt electrical system, so as to maintain a balanced load on the batteries.

CONVEYOR, BEDDING

A conveyor mounted to an excavator undercarriage for carrying pipe-bedding material to the trench.

COLD-START AIDS

Information on various types of cold-weather starting aids (measured-shot ether start, coolant, fuel, oil, battery heaters, etc.) is available.

COMPACTORS, Vibratory {Plate Type}

Backhoe or excavator mounted in place of the bucket; quick hitch optional. Hydraulically driven from main hydraulic systems.

CLAMP, Loader

A hydraulically actuated finger or grapple that can hold bulky, oversized, or extra-light material in the bucket.

CLAMP, Low-Profile/Log Sorting Clamp

Mounts on crawlers or four-wheel-drive loaders. Positive grip on one log or a full load. Another log may be carried on the tine tips while one is in the clamp. Low-profile design suited to tree-length logs.

COMPACTOR WHEELS, Trench Wheel Type {Boom Mounted}

Sheepsfoot compactor generally used to compact trench backfill material. Clamps to or replaces backhoe, excavator, or loader bucket.

COMPOST TURNERS

Engine-driven agitator-mixer mounts on four-wheel-drive loader; pin-on or quick hitch.
COOLING PACKAGE

High-ambient-temperature cooling package; convoluted grille screen; and special engine side shields and hoods for crawlers, wheel loaders, excavators, and backhoe loaders.

COUNTERWEIGHTS, AUXILIARY

Auxiliary counterweights for specially equipped or special application units. Excavators, backhoe loaders, crawler dozers, crawler loaders, wheel loaders, etc.

COUPLERS, QUICK HITCH

COUPLER, QUICK HITCH, Loader

Permits changing buckets or special attachments in a few minutes, usually without tools and without leaving the operator’s seat.

With side-tilt feature.

COUPLER, QUICK HITCH, Backhoe/Excavator

Permits changing buckets or special attachments in a few minutes, usually without tools, some (with remote latching control) without leaving the operator’s seat.

With side tilt feature – see “Wrist Action.”

Standard equipment on Deere compact excavators. Option on backhoes.

COUPLER, QUICK HITCH, Crane (Jib Boom)

Attaches to, or replaces, bucket on loader with quick hitch for light lifting jobs requiring extended reach or lift height.

CRUSHER, CONCRETE

Articulated with rotator. Excavator-mounted tool to crush, demolish, break, and handle old concrete and other materials.

Fixed, uses bucket cylinder. Rebar cutter blades.

Secondary crusher.
CUSTOM JOB SHOPS, APPROVED
Installation of Deere or AEM attachments at the factory prior to shipment. Special machine modifications for governmental or national accounts.

CUTTER, ASPHALT, Rotary
A sharp-edged disk wheel supported by a cast-steel hub and ball or roller bearings. Mounting brackets available to clamp onto loader, backhoe, or excavator buckets; grader blades; scarifiers; or rippers.

DELIMBER
Special modification of an excavator. Used for delimbing logs.

DIPPERSTICK
See also ARM, EXTENDIBLE (excavator).

DIPPERSTICK, Extendible
Optional extendible dipperstick, factory installed, for all model backhoes.

DITCHER, ROTARY
Cutter and thrower wheels mounted on a drive head, enclosed by a shroud, and driven by hydraulic motor. A ditch is cut and the soil spread over a wide area all in one pass. May be three-point hitch, side mounted, or pull type.

DOZER, Dirt
Complete blade, push frame, and mounting brackets for tractors not so equipped.
See also BLADES.

DOZER, Grader Utility
Pins to front scarifier linkage.

DOZER, Hinged
Hydraulically adjustable sections change dozer from U, to straight, to vee configuration.

DOZER, Landfill
Angled extensions and high spill screen convert dirt dozer to one specially suited to spreading trash in a sanitary landfill.
**ATTACHMENTS**

**DRAWBAR, Extended, Rigid**

Extended length (rigid) drawbar for use with 4000 Winch on G-Series Crawlers. Also heavy-duty drawbars for skidders.

Rigid for utility crawlers, construction crawlers, and motor graders.

**DRILL, Dowel Hole and Gang**

Hydraulic or air-powered drills for preparing edges of concrete slabs for patching or extension. Mount on backhoes, compact excavators, and excavators.

**DRILL, Rock**

A boom-mounted, hydraulically driven drill for percussion drilling of blast holes. The excavator carrier is suited for rough-terrain drilling. The operator sits in the enclosed cab, away from dust and vibration.

**DUAL Wheel Systems**

**ELIMINATOR, WINDROW**

Mounts on rear of motor graders to spread windrow and separate large stones from road gravel.

**ENCLOSURE, Cab/ROPS**

For canopy-equipped tractors, soft-side enclosures, or rigid panels to attach to, or fit inside, ROPS.

**ENCLOSURE, Wheeled Tractors and 4WD Loaders**

Rigid cabs or soft enclosures for utility crawlers, wheeled tractors, and backhoe loaders.

**EXHAUST PURIFIERS**

Catalytic converters or scrubbers to permit diesel engines to work indoors or underground.

**EXTENSIONS, Excavator Arm**

Mounts to excavator arms for extra reach, lift height, or offset when used with a grapple, magnet, or lifting hook.

As a third member for reach and depth.

**EXTENSIONS, Loader Boom**

For increased lift height and/or reach. Use only with lighter materials.
FAN, REVERSIBLE
Special-order fan for high debris and trash applications. Four-wheel-drive loaders, utility crawlers, and construction crawlers.

FENDERS
For use on front and rear wheels of graders and backhoes.

FIRE DETECTION AND SUPPRESSION SYSTEM
Actuation causes multipurpose dry-chemical agent to discharge onto protected fire-hazard area. Used on forestry equipment, skidders, crawlers, four-wheel-drive loaders, excavators, etc., and in landfills and quarries.

FORKS

FORK, Automobile
For handling auto bodies in salvage operations.

FORK, Combination Log Fork Double Top Clamp
As above with dual hydraulic top clamps which close inside tines or on top of the tips.

FORK, Combination Log Fork Single Top Clamp
Single center-mounted hydraulic top clamp.

FORK, Combination Log Fork Tandem Top Clamp
Dual top clamps connected together, as in a single wide clamp.

FORK, Drive-In (Over the Bucket)
Increases utilization of loaders handling pipe, shoring, sheeting, brick, lumber, or other materials. Easy hookup – without tools – permits quick attachment or removal.

FORK, Lip Mounted
Clamps to bucket cutting edge.
ATTACHMENTS

FORKS continued

FORK, Loader

Replaces bucket on utility loaders for handling palletized material.

FORK, Lumber and Pallet

Loader mounted. Handles logs, lumber, and palletized material. May have adjustable tines, rollback guards, swinging, or floating tines.

CAUTION: Requires load guard on four-wheel-drive loaders without four-post ROPS.

FORK, Pipe and Pole

Width adjustable to stabilize wide loads.

CAUTION: Requires load guard on four-wheel-drive loaders. Order AT70467 on 544D and 644D, AT70468 on 444D.

FORK, Pipe (with Top Clamp)

Loader mounted, specialty adapted forks with top clamps for handling steel pipe.

continued on next page
GRAPPLES continued from previous page

GRAPPLES, LOG LOADER

GRAPPLE, High-Capacity/Baled Overarms
A baled-type grapple with tight closure for handling large loads or single logs.

GRAPPLE, High Capacity/Heavy Duty
Maximum capacity inside the clamps for large logs or loads of short logs, pulpwood, or saw logs.Mounted on four-wheel-drive loaders or crawler loaders. Dual top clamps close on tine tips.

GRAPPLES, LOG
Mounts at end of excavator arm. The boom and stick are usually modified to increase lift height and reach, such as for a heel-boom. Also used on loaders with high-lift booms.

GRAPPLE, LOG LOADER
Replaces bucket for handling and stacking sugar cane.

GRAPPLE, Demolition/Rock
For large-capacity wheel loaders. Handles large rocks in quarry operations where sorting and sizing are required.

GRAPPLING, ROCK AND DEMOLITION
Replaces bucket for handling rock, scrap, and demolition debris or for placing riprap.

GRAPPLE, Cane
Replaces loader bucket for handling and stacking sugar cane.

GRAPPLE, Butt-n-Top
For tree-length logs. a.k.a. “Butt-n-Top.” Sounds like “button top.”

GRAPPLE, MAGNET
For sorting and handling ferrous and other scrap.

GRAPPLES, LOG

GRAPPLES, Log Loader

GRAPPLES, LOG LOADER

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GRAPPLES, LOG LOADER

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Replaces loader bucket for handling and stacking sugar cane.

GRAPPLING, ROCK AND DEMOLITION
Replaces bucket for handling rock, scrap, and demolition debris or for placing riprap.
ATTACHMENTS

GRAPPLES continued

GRAPPLE, Scrap

A special grapple for use with hydraulic rotator on backhoes and excavators for handling railroad rails.

GRAPPLE, Thumb

A demolition, trash, or pioneering grapple. Can replace bucket or the “thumb” section only. Can be used with the standard excavator bucket. Thumb section can be stiff-arm mounted or controlled with a hydraulic cylinder.

GRAPPLE, Tong, Rail

A special grapple for use with hydraulic rotator on backhoes or excavators for handling railroad rails.

GRINDER, Concrete Rock

Backhoe or excavator mount.

GROUSER, Demolition (Recycling)

Special multiple grouser design which breaks up materials.

GUARDS

GUARDS, Cab, Excavators

For demolition, brush cutting, and logging.

GUARDS, Grille

Front radiator grille guards or severe-duty grille to replace standard grille for backhoe loaders, utility crawlers, and construction crawlers. Rear grille guards for four-wheel-drive loaders.

GUARDS, Stabilizer Cylinder

Backhoe stabilizer cylinder guards.

continued on next page
GUARDS continued from previous page

GUARDS, Woods Protection

Utility crawlers and construction crawlers.

Cab screens, limb risers, doors, tank guards, radiator grille guards, and engine enclosures for crawlers, wheel loaders, and excavators.

Trash handling.

HAMMERS

HAMMER, Handheld, Hydraulic

Handheld, powered from tractor remote hydraulics.

See also TOOLS, HYDRAULIC (HANDHELD).

HAMMER, Hydraulic, Mounted

Hydraulically actuated hammer, mounts on backhoes, compact excavators, or excavators for demolition work.

Factory option for Deere compact excavators.

HEATING KIT, BODY

Articulated dump trucks (ADTs).

HOOKS, LIFT

Weld to back of excavator or backhoe buckets for lifting materials.

CAUTION: Select size to match lifting capacity of machine. Must be closed loop or with safety latch. DO NOT USE OPEN HOOKS. See bucket suppliers.

HYDRAULIC LIFT and TOP LINKS for Three-Point Hitch

Used with three-point hitch-mounted blades, scrapers, rakes, etc. Provides hydraulic control of tilt and pitch.

HYDRAULICS, AUXILIARY

Schematic diagrams and/or parts lists to add one or more circuits for operating attachments. All models.

ICE BUSTER

Mounts on grader scarifier for breaking hard ice on streets.
INDICATORS

INDICATOR, Depth \{Digital\}

Angle sensors mounted on the boom and arm send signals to the control unit in the cab. After setting ZERO at a grade stake, the display shows depth of bucket tip ± from reference stake or laser.

INDICATOR, Depth \{Laser\}

A laser sensor with signal lights mounts on the dipperstick of backhoes or excavators. It shows when the stick is vertical and high, low, or on grade.

INDICATOR, Monitor, Bucket Position

A display inside the operator’s cab shows the exact depth of the bucket teeth from a benchmark or laser. See slopes and distances around excavator, as well as bucket opening for digging under water. Alarm sounds when bottom has been reached.

INDICATOR, Monitor, Cross Slope

An electronic level, attached to the draft frame of a motor grader. A blade angle resolver mechanism projects the true cross slope perpendicular to the direction of travel. A meter allows the operator to set and monitor the blade slope.

ATTACHMENTS

INDICATOR, Weight, Payload

Payload weighing system. See also WEIGHING SYSTEMS, Onboard.

LASER CONTROL SYSTEMS

Onboard sensors detect the light from a laser transmitter. Displays in the operator’s station indicate whether the blade is high, low, or on grade. The operator may choose to control the blade manually while observing the display, or switch to automatic control.

LIFT AND TIE-DOWN EYES

For lifting and transport tie-down. All units.

LIGHT, BEACON/STROBE

Information on sourcing and installing rotating beacons, strobe lights, etc., is available on most models.

LIMB RISERS

LIMB RISERS, Cab

Limb risers for cab or canopy units. 450H, 550H, and 650H Crawler Dozers.

continued on next page
LIMB RISERS continued from previous page

LIMB RISERS, Loaders

Limb risers for 455G and 555G Crawler Loaders.

LINERS, BODY, STEEL

Articulated dump trucks (ADTs).

LINERS, POLYMER

Articulated dump trucks (ADTs).

LOCK, ARTICATION

Mechanical articulation lock for all C-Series Motor Graders.

LUBRICATION SYSTEMS, Automatic

Automatic lubrication of machine pivot joints, at preset intervals with controlled amounts.

MAGNET, Scrap Handling

Electromagnet for mounting on an excavator with boom and arm modifications for increased reach and lift height, for convenient handling of steel. An engine or hydraulically driven generator and controller are used to power the magnet.

MATERIAL HANDLER CONVERSION

MOWERS

MOWER, Flail, Boom Mount

For excavators. Two- or three-piece boom, raised cab, widened and raised undercarriage, generator, and magnet or grapple.

MOWER, Flail, Rear Mount

Three-point hitch mount, PTO drive. For two-wheel-drive utility tractors.

MOWER, Flail, Side Mount

Side mounting permits mowing up or down slopes too steep or soft for the tractor to drive on. When used in combination with rear-mounted mower, covers more ground in one pass. Right and left side mounts are available.

CAUTION: Requires polycarbonate windshields in cab.
MOWERS continued

MOWER, Rotary, Boom Mount

For graders.

CAUTION: Requires operator protection; i.e. polycarbonate windshields.

MOWER, Rotary, Excavator Mount

A brush cutter for maintaining logging and rural roads, bridge approaches, rail grades, power line rights-of-way; where chemical control is banned.

CAUTION: Requires operator protection; i.e. polycarbonate windshields.

MOWER, Rotary, Pull Type

PTO or hydraulic drive.

MOWER, Rotary, Rear Mount

Three-point hitch or semi-mounted. PTO drive. Some models extendible to right side. Also with extra trimmer attachments.

MOWER, Rotary, Under Guardrail

Interchangeable on sicklebar mounting.

MOWER, Sicklebar

Side-mounted mowers, mechanical or hydraulic drive, for two-wheel-drive utility tractors.

MUFFLER, SPARK ARRESTER


ODOMETER

Wheel-driven mechanical odometer for motor graders.

PADS

PADS, Rubber

Rubber or polyurethane pads bonded or bolted to steel track shoes, for use on paved surfaces or floors.

continued on next page
PADS continued from previous page

PADS, Street (Backhoe Stabilizer)

Rubber pads that fasten to or replace existing stabilizer pads.

PLANERS

“Cold planer” grinders, rotary cutters. For milling/grinding asphalt, concrete to prepare for patching, resurfacing, or access to underground utilities.

PLOWS

PLOW, Bedding

A pull-type or semi-mounted disk plow with the gangs set to throw the soil inward. For seedbed preparation and erosion control in forestry. May be equipped with rolling chopper or hourglass roller.

PLOW, Disk Harrow

Heavy-duty, notched disks. Front gang throws to the right; rear gang throws to the left for thorough mixing of organic matter and soil in landscaping, reforestation, and landclearing operations.

PLOW, Fireline

A hitch-mounted or towed plow specially designed to cut firebreak furrows in forest areas.

PLOW, Sludge

Drawbar mounted on utility crawlers. A specialized plow for injecting sewer sludge on farmland.

POLE ERECTOR

Replaces loader bucket. May use quick hitch. Swiveling grapple for picking up, carrying, and erecting long poles.

POST DRIVER

Three-point hitch, with PTO or hydraulic drive, for driving fence posts.

Vibratory. Post driver/puller adapter on plate-style compactor.
ATTACHMENTS

PRESSURIZER, CAB
Special-order option for 600 and 700 Series Graders.

PULVERIZER/AERATOR
A landscape finishing tool, three-point hitch mounted on utility tractors. May include a grass seeder and fertilizer attachment.

PUMP, Dewatering
Hydraulic powered pumps to run off tractor hand tool hydraulic outlets.

PUSH BLOCK
Mounts on front of grader main-frame for pushing scrapers or other machines. Also serves as a front counterweight.

PUSHER/BORER/PULLER
A backhoe or excavator serves to lift and position the tool in an excavation and to supply hydraulic power. Used for underground road or driveway crossings of utility lines – electric, telephone, gas.

QUICK HITCH
See also COUPLERS.
Backhoes, compact excavators, excavators, wheel loaders, and crawler loaders.

RAKES

RAKE, Blade {Pin On}
Fits over dozer blade. Swings up or is easily removed when not in use.

RAKE, Clearing and Stacking
Dozer mounted; lighter weight construction. Curved teeth lift and stack trees and debris while sifting out dirt. Builds cleaner windrows for efficient burning.

RAKE, Dozer
Replaces dozer blade on the C-frame or push arms for heavy-duty landclearing operations – removing stumps, roots, and rocks.

RAKE, Dozer with Flexible Teeth
Teeth mounted on individual pivots with hydraulic springs connected to accumulator.

continued on next page
RAKES continued from previous page

RAKE, Excavator

Excavator mount, for site preparation and landscaping.

RAKE, Grapple

A loader rake with top clamp.

RAKE, Landscape

A three-point hitch or towed implement for final preparation of yards, parks, golf courses, etc., prior to seeding or sodding. Also used for spreading and grading fine gravel and for removing large rocks, roots, etc., from the surface.

RAKE, Loader

Mounts in place of the bucket on four-wheel-drive or crawler loaders. Loads debris at truck height. Long curved teeth for maximum load capacity. Bucket cylinder controls positions for digging depth or transporting.

RAKE, Loader, Bucket (Pin-On)

Pins to buckets of four-wheel-drive or crawler loaders. Rake tines become an “extension” of the bucket cutting edge. Loads debris at truck height.

RIDE CONTROL

Special hydraulic circuit designed to provide smoother roading. Four-wheel-drive loaders and backhoe loaders.

RIPPERS

RIPPER, Backripper

Mounts to back of dozer blade on pivot pins which allow ripper or under C-frame teeth to engage ground when tractor is in reverse and to swing up and float when in forward.

RIPPER, Dozer

Clamps to cutting edge and spill sheet of dozer blade for quick conversion to ripping or stump-clearing operations.

RIPPER, Rear Mounted

Rear mounted on crawlers, four-wheel-drive loaders, or graders.
**RIPPER TOOTH, Backhoe/Excavator**

A heavy-duty tiller suitable for soil stabilization, seedbed preparation, mixing, etc. Three-point hitch mounted and PTO driven.

**ROAD WIDENER, Shoulder Spreader**

A loader-mounted hopper and conveyor for spreading base course and paving materials alongside existing pavement.

**ROTOTILLER**

A heavy-duty tiller suitable for soil stabilization, seedbed preparation, mixing, etc. Three-point hitch mounted and PTO driven.

**SCARIFIERS**

**SCARIFIER, Eradicator (V-Pic)**

Stinger™-edge scarifier for gravel-road reclamation.

**ATTACHMENTS**

**SCARIFIER, Grader Mount**

Front mount on Deere graders.

**SCARIFIER-SCRAPER (Box Scraper)**

A three-point hitch-mounted tool used for landscaping, moving small amounts of earth short distances, and cleaning parking lots. The scarifier can be actuated manually or hydraulically.

**SCRAP HANDLER FRONT**

Boom and arm are replaced or modified to obtain maximum reach and lift height for scrap or material handling.

**SCRAPER, Pull Type**

Pan scraper with hydraulic controls.

**SCREENS**

Front screen, rear screen, or complete screen packages for cabs and canopies.
SECONDARY STEERING
Provides steering circuit meeting SAE J53 requirements. 600 and 700 Series Motor Graders.

SEPARATOR, FUEL
Fuel-water separator. All models.

SHEAR, Steel Scrap Demolition
Replaces bucket or arm on excavators for building demolition and scrap processing.

SHOE, TRACK
Special-order track shoes for crawler dozers, loaders, and excavators.

SHOULDER SPREADER
Loader or grader mounted; spreads gravel or asphalt for road widening and trench filling.
See also ROAD WIDENER.

SIDEBOOMS

SIDEBOOM, Crawler Mount
An attachment for specially equipped crawler tractors. The combination unit is specifically designed to raise, lower, and carry pipe. An extendible counterweight is used to balance heavy or extended loads.

SIDEBOOM, Wheel Loader Mount
For four-wheel-drive loaders and two-wheel-drive tractors. The combination unit is specifically designed to raise, lower, and carry pipe. An extendible counterweight on the right side is used to balance heavy or extended loads.

SLOPERS

SLOPER, Dozer
An extension blade for dozers that pivots vertically at its attaching point at the end of the dozer blade. Used for trimming side slopes and leaves no track prints.

SLOPER, Grader*
Rear- and side-mounted blade. Long reach for ditch and shoulder sloping while keeping drive wheels on road.

SNOW EQUIPMENT

SNOW, Dozer*
Mounts on scarifier head, quick hitch attached to scarifier linkage or direct to frame of motor graders without scarifiers.

*NOTE FOR MOTOR GRADER ATTACHMENTS:
The weight of front- and rear-mounted equipment must NOT exceed the allowable tire and axle loads as defined by John Deere Engineering. Call Custom Engineering Attachments Group for specifications.
SNOW EQUIPMENT continued

SNOW, Grader Gate

A quick-acting shield which drops down to carry snow past driveways.

SNOW, Hinged Plow*

Hydraulically positioned halves change plow from Vee, to straight, angled right or left, or “U” positions.

SNOW, One-Way Plow*

Mounts on graders or four-wheel-drive loader with universal lift frame or quick hitch.

SNOW, Pushers {Airport Ramp Plows}

Increase the snow-pushing capacity of loader up to five times of standard buckets.

SNOW, Reversible Plow*

Front mounted on graders or four-wheel-drive loaders. Light-duty type, clamps to bucket cutting edge or can be equipped with a universal lift frame or quick hitch.

SNOW, Ribbon Blower {Two Stage}

Engine, or hydraulic, or PTO drive.

SNOW, Rotary Blower, Auger Style {One Stage}

Engine driven. Dual fan.

SNOW, Snow Blower, Horizontal Auger {Two Stage}

Mounts on loader boom, powered by self-contained engine. Remote controls mount inside the loader cab. Directional discharge with optional chutes for truck loading.

*NOTE FOR MOTOR GRADER ATTACHMENTS:
The weight of front- and rear-mounted equipment must **NOT** exceed the allowable tire and axle loads as defined by John Deere Engineering. Call Custom Engineering Attachments Group for specifications.
SNOW, Snow Wing*

For grader mounting.

For four-wheel-drive loader mounting.

SNOW, Vee Plow*

On graders – mount on scarifier head, with quick coupler, or with universal lift group to mainframe front plate (see each manufacturer for details).

On loaders – mount with bucket pins or quick hitch.

SPREADER BOX

SNOW EQUIPMENT continued from previous page

SWEPER, MAGNETIC

A specially designed permanent magnet available in configurations that can be front, center, or rear mounted on nearly all models of equipment. Also available in towed models.

SWEPER, Rotary Broom

Tractor mounted, front, rear, or towed.

Loader mounted.

Grader mounted.

With dirt hopper. Towed or loader mounted.

TACHOMETER

Electric tachometer for units not factory equipped.

TAILGATE, AUTOMATIC

For 250C and 300C Articulated Dump Trucks.

For 350C and 400C Articulated Dump Trucks. Reduces spillage and increases payload capacity. Opens as bed is raised.

*NOTE FOR MOTOR GRADER ATTACHMENTS:
The weight of front- and rear-mounted equipment must NOT exceed the allowable tire and axle loads as defined by John Deere Engineering. Call Custom Engineering Attachments Group for specifications.
**ATTACHMENTS**

**TANK, WATER**
Fire extinguisher with hose and hand nozzle.
Part of special guarding package for fireline plow tractors.

**TANKER, Water**
The scraper bowl and elevator are replaced by a water tank. The scraper gooseneck and rear axle are used to support the tank. The water sprayer pump is powered by the scraper elevator hydraulic pump.

**THEFT-DETERRENT DEVICES**
**Environmental Padlock**
- High-security, tamperproof, weatherproof padlock.
- Fuel locks, hydraulic locks, master switches, vandal covers, padlocks, electronic sensors, and alarms.
- A variety of devices are available to secure your machine against theft or unauthorized starting.

**TIRE-FILLING FOAM**
For flatproofing tires that must work in puncture-prone areas.
Also used for counterweight.

**TIRE HANDLER**
For manipulating, removing, and installing large tires and wheels.

**TIRES**
Special-order tires are available on most models.

**TIRES, Heavy Duty**
Extreme-service aircraft tires, 24 to 36 ply, in various tread designs for all applications. Offer puncture resistance and increased stability.

**TIRES, Solid Rubber**
Tire and wheel assemblies replace pneumatic tires and rims for use in puncture-prone conditions such as scrap yards.
For four-wheel-drive loaders, forklifts, skid steer loaders, and backhoe loaders.

**TONGS, BARRIER**
See GRAPPLES.

**TOOLS, HYDRAULIC (Handheld)**
Assortment of tools such as saws, drills, cable cutters, pole pullers, tampers, etc. Tools are powered by machine hydraulic system through an auxiliary valve.
Dewatering pump, hydraulic.
For swamp and wetlands flotation of excavators.

Rubber tired, hydrostatic propel motors, spring-applied hydraulic release brakes. Controlled from excavator cab.

A loader-mounted spade-type digs a root ball and lifts and carries the tree to its new location or loads it onto a truck. The hole is dug previously with the same unit.

Loader-mounted scoop-type digs a root ball and lifts and carries the tree to its new location or loads it onto a truck.

Wide-track kit. Modification for Deere utility crawlers.

For swamp and wetlands flotation of excavators.

Rubber tired, hydrostatic propel motors, spring-applied hydraulic release brakes. Controlled from excavator cab.
ATTACHMENTS

VALVE, AUXILIARY
Special-order auxiliary valve sections for a variety of machines and attachments.

WEIGHING SYSTEM, Onboard
Electronic scale to weigh the payload in buckets of four-wheel-drive loaders. Printer and data-capture systems also available.

WEIGHTS

WEIGHTS, Counterweights
CAUTION: Before you ask for more counterweight than the optional factory or field maximum allowed, look for ways to reduce weight up front. A smaller or lighter attachment may actually perform better than a big, heavy one. Optional weights recommended for most John Deere machines are available from Deere.

WEIGHTS, Wheel
See the spec sheets and price pages for available weights.

WHEEL ADAPTER
To use HFWD front wheel on rear tandems as temporary spare. 600 and 700 Series Motor Graders.

WINCHS
Utility crawlers.

WINCH, Hydraulic Drive
Front, side, or rear mounting to suit need. On crawlers, four-wheel-drive loaders, and excavators.

WINCH, Mechanical Drive
Rear mount on construction crawlers.

WRIST-ACTION ADAPTER
Mounts between dipperstick and bucket on backhoes and excavators. May incorporate a quick hitch. Allows bucket to be swung from side to side to shape and trim slopes and to clean ditches. May also be used to position special attachments.

No external cylinders — uses hydraulic rotary actuator. Integral mechanical quick-coupler uses OEM pin-on buckets.