



YOU HAVE TOUGH JOBS... WE BUILD TOUGH MACHINES

Jewell provides custom machines for the world's harshest environments including the forestry, demolition, scrap recycling, material handling and construction industries.

Drawing on years of accumulated experience and technical know-how. Jewell converts standard excavators into tough, robust machines capable of conquering diverse job site challenges.

Whether your job requires safely razing a high rise building, tearing down an obsolete factory with a large shear, or reliably handling scrap and demolition material, Jewell can build a machine to meet the task.



STANDARD DEMOLITION CONVERSIONS



TELESCOPIC BOOM CONVERSIONS



HIGH-CAPACITY TOOL CONVERSIONS



GROUND LEVEL DEMOLITION CONVERSIONS

GROUND LEVEL DEMOLITION CONVERSIONS

FEATURES:

- Oversized hoist cylinders.
- Factory stick and bucket cylinder.
- Additional counterweight with reinforcement.
- Cab tilt back system.
- Articulating cab tilt/lift system.
- Excavator demolition guarding packages.
- Full deck safety handrails.
- Cab guard w/demolition glass in front and top cab windows.
- Computer controlled hydraulic system.
- Dust suppression water system.
- Main boom quick disconnect transport joint.
- 10' main boom extension.



STANDARD HIGH REACH DEMOLITION CONVERSIONS

FEATURES:

- OEM or oversized hoist cylinders.
- Additional counterweight with reinforcement.
- Cab tilt or lift/tilt system.
- Excavator demolition guarding package.
- Full deck safety handrails.
- FOPS cab guard with armored demolition glass.
- Computer controlled hydraulic system.
- Dust suppression water system.
- Attachment camera monitoring system.
- Main boom manual transport joint.
- 10' main boom extension.
- Custom boom trailer with transport cradles.



DIAMOND SERIES - ULTRA HIGH REACH/TELESCOPIC BOOM - HIGH CAPACITY TOOL DEMOLITION CONVERSIONS

FEATURES:

- Oversized hoist cylinders.
- Telescoping main end section.
- Additional counterweight with reinforcement.
- Articulating cab tilt or tilt/lift system.
- Excavator demolition guarding packages.
- Full deck safety handrails.
- FOPS cab guard with armored demolition glass.
- Computer controlled hydraulic system.
- Dust suppression water system.
- Attachment camera monitoring system.
- Main boom manual transport joint.
- 10' main boom extension.
- Custom boom trailer with transport cradles.



JEWELL MULTI-FUNCTION DEMOLITION TOOL CONTROL SYSTEM

• ALL MAKE AND MODEL EXCAVATOR HYDRAULIC CONVERSIONS

Jewell auxiliary valves and controls for demolition functions:

- Jewell installs auxiliary valves and controls for operation of the Jewell front working stick, attachment open/close-rotate and excavator thumb functions.
- Includes electro hydraulic pilot diverters for working stick and operator enabled electro proportional logic pressure controls for auxiliary (hammer/thumb) attachment circuits.
- These functions are performed and controlled through Jewell computer controlled touch screen demolition control system mounted in the operators cab.



CAT365 GROUND LEVEL DEMOLITION



HITACHI ZX450 CAB POSITIONING SYSTEM - HANDRAILS



KOBELCO SK250 JEWELL CLAMSHELL BUCKET

CUSTOM EXCAVATOR DEMOLITION GUARDING PACKAGES

Guarding packages designed for:

- Demolition
- Material handling

Guarding package components:

- Elevated cab risers and hydraulic tilt cab risers.
- Arm and bucket cylinder guards.
- Front guarding to protect fuel and hyd. tanks.
- Side guarding to protect machine operating components.
- Heavy duty rear corner doors.
- Operator cab guard for cab riser.
- Cab guard for standard excavator.
- Cab guard with screen.
- Full length catwalks
- Machinery underhouse guarding
- Carbody belly pan
- Full length rockguards
- Idler guides and rail stiffeners.
- Custom additional counterweight.



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VOLVO EC290B 46' MH BOOM - 84" CAB RISER - 1 1/4 YARD SCRAP GRAPPLE



DEERE 650D 60' MH BOOM - CAB RISER & PLATFORM - 4 YARD CLAMSHELL



DEERE 220D ' MH BOOM - CAB RISER - 3/4 YARD SCRAP GRAPPLE

SCRAP & MATERIAL HANDLING BOOMS - DROOP NOSE ADAPTERS

Scrap & Material Handling Booms

- Designed and built for mounting on hydraulic excavators and wheel loaders.
- Incorporates excavator manufacturers mounting pins, bushings and seals, and either dealer provided hydraulic cylinders or Jewell hydraulic cylinders.
- Two or three piece boom designed and built to customers specifications.
- Hooked stick design for grapple clearance.
- Designed for shears, magnets, grapples or clamshells depending on job application.



VOLVO EC290B 46' MH BOOM



DEERE 450D 55' MH BOOM - 4 YARD CLAMSHELL



DROOP NOSE ADAPTER

Droop Nose Adapters

- Designed and built for mounting on hydraulic excavator arm boom.
- Incorporates excavator manufacturers mounting pins.
- Hooked stick design for grapple clearance.
- Designed for shears, magnets or grapples

ELEVATED CAB RISERS

Elevated cab risers, manual tilt or fixed.

- Cab elevation designed to give the operator more visibility for easier operation.
- Manual tilt risers reduce height for transportation.
- Manual tilt risers are available in heights of 48", 60", 72" and 84" or higher.
- Risers can be ordered in a kit or installed at Jewell Attachments LLC.
- Access door, frame reinforcement as required and safety cable are provided.
- Fixed cab risers from 18" to 8' with extended cables and pilot lines.
- Bolt-on stairway and platform with railing for 48", 60" and 72" manual tilt risers.
- Platform lands on machinery deck for easy access.



HITACHI ZX450 RISER & PLATFORM



VOLVO EC290B 84" RISER

MAGNET GENERATOR PACKAGES

Magnet Generator Packages

- Reliable high performance magnet operation.
- Electrical system designed for 100% duty cycle, easy access and serviceability.
- Operated hydraulically with added auxiliary pump.
- 5kw to 25kw magnet generators.
- Includes hydraulic pump, motor and valving.
- Easy access to electrical box and components
- Cab controls and indicators.
- Easy to understand and operate.



YOU HAVE TOUGH JOBS... WE BUILD TOUGH ATTACHMENTS

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Whether your job requires reliably handling scrap, demolition, logging or construction. Jewell can build a machine or attachment to meet the task.



DEERE 800C 65' LONG REACH

- Designed and manufactured for all excavator makes from 12T to 200T.
- Engineered to use OEM hoist cylinders and boom foot pins.
- Option to use Jewell provided stick and bucket cylinders or OEM provided components..
- Custom additional counterweights to match excavator..



CAT 345D 75' LONG REACH

CLAMSHELL BUCKET, BRUSH RAKES, GRAPPLE RAKES & CONTRACTORS GRAPPLES

Attaches to excavators, log loaders and road builders.
Custom designed to fit one or several machines.

DESIGNED FOR MULTIPLE APPLICATIONS:

• EXCAVATION • DEMOLITION • WASTE HANDLING • C&D SORTING •
SCRAP HANDLING

STANDARD FEATURES:

- Designed and manufactured for rugged demolition and material handling applications.
- Head can be designed to pin on excavator front, or for manual quick change.
- Full articulation using bucket cylinder and linkage.
- 360° continuous rotation.
- High torque, gear reduction drive w/internal crossover relief.
- Easily removable guarding for access to all hydraulic components.
- Large diameter, induction hardened chrome pins and hardened steel bushings



KOBELCO SK210 W/JEWELL MH34GRHD CLAMSHELL



HITACHI ZX200 W/JEWELL MH34RHD CLAMSHELL



HITACHI ZX210W W/JEWELL MH12BHD CLAMSHELL



HITACHI ZX450 W/JEWELL MH34BHD CLAMSHELL - 3rd MEMBER STICK - 20' EXTENSION TUBE



LINK BELT 330LX W/JEWELL MH114CG CLAMSHELL

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EXCAVATOR CONVERSIONS:

- LOG LOADER
- LOG LOADER YARDER
- TONG THROWERS
- LOG LOADER/PROCESSORS
- PROCESSORS
- WINCH INSTALLATIONS
- TIMBER MAST'R YARDER
- LOG GRAPPLES
- CLAMSHELL BUCKETS



KOBELCO LOG LOADER W/JEWELL FORESTRY CAB



VOLVO LOG LOADER W/JEWELL FORESTRY CAB



DEERE JD450D HI-DECKER W/JEWELL FORESTRY CAB



CAT DUAL WINCH



KOBELCO TONG THROWER



VOLVO FC3329 LOG LOADER



CAT 345 55' HIGH DECKER





CAT 325B TIMBER MAST'R

HYDRAULIC LOGGING GRAPPLES

Standard Features:

- Designed and manufactured for rugged shovel logging applications.
- Grapple arms designed with mounting lugs for optional bolt on quick change brush rake arms. Standard on 52", 58", 63", & 66" arms.
- Easily removable guarding for access to all hydraulic components.
- Large diameter, induction hardened alloy pins and bushings used in arms and cylinders.
- Heavy duty, bolted head hydraulic cylinders.
- Designed for high pressure hydraulic systems.
- Easy maintenance.

Grapple Specifications			
Models:	Weight	Open	Closed
JM3042LG	1080 lbs.	42"	4"
JM3048LG	1,350 lbs.	48"	4"
JM4052LGBR	2,200 lbs.	52"	6"
JM4058LGBR	2,280 lbs.	58"	6"
JM5063HDSL	2,960 lbs.	63"	6"
JM5566HDSL	3,910 lbs.	66"	7"

GRAPPLE LINKS	
STANDARD LINK	
Available for all make and model fronts.	
JEWELL HEAVY DUTY LINK	
Available for JEWELL heel designed for hoses to route through center of heel and link.	



MODEL: JM5063HDSL SHOVEL LOGGING GRAPPLE



MODEL: JM4058LGBR LOGGING GRAPPLE



MODEL: JM4052LGBR LOGGING GRAPPLE



JEWELL

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