

#1 HMS
#1.5 Dealer Bundles
#2 shredded scrap
Flame Cut
Plate & Structural
Tin Can Bundle

Tin Can Bundle

ArcelorMittal Cleveland

Hydraulically compressed bundles of used & new tin cans, clippings, skeleton scrap.

Size: No more than 24" x 24" x 48" long with individual bundles weighing no more than 4000 pounds.

Density: 75 pounds per cubic foot minimum.

Chemistry:

Carbon 0.20%	Copper 0.20%	Manganese 0.32%	Sulfur 0.02%	Nickel 0.10%
Moly 0.04%	Phosphorus 0.05%	Chromium 0.40%	Silicon 2.0%	Tin 0.35%

Purchased scrap shall not contain radioactive, toxic or hazardous materials. All costs associated with the clean-up and handling of such materials shall be borne by the supplier.

Disposition of Non-Conforming Material by using Department:
reject and return to supplier at his cost.

Sealed units or closed containers are specifically excluded.

Material will not include the following metallics:

Drive train parts, Borings, Rebars, Barrels
Electric motors, Rolls, Cast iron, Free copper
Scale, Engine blocks, Large appliances (white),
Fuel tanks, Tern plate, Wire mesh, Pipe valves
Turnings, Tanks/cylinders , High pressure pipe
Springs Filters, Heavy lubricants

Material will not include non-metallics such as:

Concrete, Dirt, Hazardous waste, Oils, Grease
Toxic waste, Wood, Tires, Plastics, Paper
And any other non-conductor or contaminant not listed above.

#1 Heavy Melt

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Typically includes obsolete or industrial carbon steel scraps originating from dealers yards.

Clean steel scrap thickness ¼" and over.

Size not exceeding 5' x 2' x 18". Individual pieces not more than 6,000 pounds.

Minimum density 45 pounds per ft³. Typical density > 60 pounds per ft³ .

Chemistry:

- < 2.00% Mn.
- < 0.80% Cr.
- < 0.50% Cu.
- < 0.40% Ni.
- < 0.15% Mo
- %Cr + %Cu + %Ni + %Mo < 1.00%

Automotive scrap other than leaf springs, rims and crankshafts are unacceptable.

Purchased scrap shall not contain radioactive, toxic or hazardous materials. All costs associated with the clean-up and handling of such materials shall be borne by the supplier.

Disposition of Non-Conforming Material by using Department:
reject and return to supplier at his cost.

Sealed units or closed containers are specifically excluded.

Material must be free of:

Radio active material, Mercury switches, lead including wheel balance weights and counter weights
Chlorinated plastics, Asbestos, Toxic and hazardous materials, Organic liquids including oil and grease
Non-Ferrous metals (including Aluminum, Copper, Brass, Babbit, Stainless), High alloy steel, Non Metallics
(including Wood, Dirt, Rubber including tires), Rebar, Cast Iron, Mill Scale, Pit Scrap and Magnetic dirt,
Counter Weights, Electric Motors, Engine Blocks, Cylinder heads, Fire Hydrants, Appliances (white goods),
Tern plate or tin plate, Brake Shoes (Brake Drums must be broken and/or removed from axles), Truck Brake
Accumulators (unless cut/disassembled), crushed drums, valves.

Following materials must be cut at both ends:

Closed or Sealed Containers

Tanks and Cylinders

Rear Differentials (unless cut at both axles and inspection plate removed)

Valve Bodies

Gear Boxes

Hydraulic Cylinders

#2 Shredded Scrap

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Homogeneous steel scrap magnetically separated and hand cleaned, originating from automobiles, unprepared No. 1 and No. 2 steel, miscellaneous baling and sheet scrap. Free of steel turnings and borings, mill scale, iron oxides, cast iron run outs, excessive amounts of fluff rubber and metallic dirt.

Size:

No individual piece will be longer than 1 foot.

Density:

65 - 75 lbs/cf minimum typical

Chemistry:

Copper 0.20%	Tin 0.04%	Chromium 0.40%	Sulfur 0.04%
Phosphorus 0.05%	Moly 0.04%	Nickel 0.10%	

Purchased scrap shall not contain radioactive, toxic or hazardous materials. All costs associated with the clean-up and handling of such materials shall be borne by the supplier.

Disposition of Non-Conforming Material by using Department:
Reject and return to supplier at his cost.

Sealed units or closed containers are specifically excluded.

Material will not include the following metallics:

Drive train parts, Borings, Rebar, Barrels, Electric motors, Rolls, Cast iron, Free copper
Scale, Engine blocks, Large appliances (white), Heavy lubricants
Fuel tanks, Tern plate, Wire mesh, Pipe valves
Turnings, Tanks/cylinders, Tinplate, High pressure pipe
Springs, Filters

Material will not include non-metallics such as:

Concrete, Dirt, Hazardous waste, Oils
Toxic waste, Wood, Tires, Plastics, Fluff rubber
And any other non-conductor or contaminant not listed above.

Flame Cut

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Typically includes new black industrial carbon steel scraps

Clean steel scrap thickness 1" and over

Size: ¼" minimum steel thickness. Individual pieces not to exceed 5' x 2' x 18" in any dimension or weigh more than 4,000 pounds per piece

Density: 45 pounds per cubic foot minimum per shipment.

Chemistry:

- < 2.00% Mn.
- < 0.80% Cr.
- < 0.50% Cu.
- < 0.40% Ni.
- < 0.15% Mo
- %Cr + %Cu + %Ni + %Mo < 1.00%

Purchased scrap shall not contain radioactive, toxic or hazardous materials. All costs associated with the clean-up and handling of such materials shall be borne by the supplier.

Disposition of Non-Conforming Material by using Department:
reject and return to supplier at his cost.

Material will not include non-metallics such as:

Concrete, Dirt, Hazardous waste, Oils

Toxic waste, Wood, Tires, Plastics

And any other non-conductor or contaminant not listed above.

Plate & Structural

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Description: Cut structural and plate scrap. Could be from the demolition of obsolete buildings, machine structure, towers, etc., or the offal of new manufacturing from plate and structural steel products.

Size: ¼" minimum steel thickness. Individual pieces not to exceed 5' x 2' x 18" in any dimension or weigh more than 4,000 pounds per piece.

Density: 45 pounds per cubic foot minimum per shipment.

Chemistry:

Carbon 0.50%	Copper 0.20%	Manganese 2.0%	Tin 0.04%	Sulfur 0.040%
Nickel 0.12%	Phosphorus 0.05%	Moly 0.02%	Silicon 2.0%	Chromium 0.40%

Purchased scrap shall not contain radioactive, toxic or hazardous materials. All costs associated with the clean-up and handling of such materials shall be borne by the supplier.

No gas cylinders or closed cylinders of any type whether prepared or not are to be included.

Disposition of Non-Conforming Material by using Department:
Reject and return to supplier at his cost.

Exclusions: Sealed units (cylinders) or closed containers are specifically excluded. Processed sealed units (cylinders) or closed containers are also specifically excluded.

Material will not include the following metallics:

Drive train parts, Gears, Borings, Rebar, Barrels,
Electric motors, Rolls, Cast iron, Free copper,
Scale, Engine blocks, Large appliances (white goods), Heavy lubricants,
Fuel tanks, Tern plate, Wire mesh, Pipe valves
Turnings, Tanks/cylinders, Tinplate, High pressure pipe,
Springs, Filters, Die sets Babbit.

Material will not include non-metallics such as:

Concrete, Dirt, Hazardous waste, Oils, Grease
Toxic waste, Wood, Tires , Plastics
And any other non-conductor or contaminant not listed above.

1.5 Dealer Bundle

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Black steel sheet scrap, clippings, or skeleton scrap or painted/galvanized carbon steel scrap. Hydraulically compressed on a 3 cylinder baler.

No more than 24" x 24" x 48" long with individual bundles weighing no more than 4000 pounds.

75 pounds per cubic foot minimum.

Chemistry:

Carbon 0.50%	Copper 0.20%	Manganese 0.20%	Tin 0.04%	Sulfur .02%
Nickel .10%	Phosphorus .05%	Moly .02 %	Silicon 0.03%	Chromium .05%

Purchased scrap shall not contain radioactive, toxic or hazardous materials. All costs associated with the clean-up and handling of such materials shall be borne by the supplier.

Tin can bundles, drums, rods and white goods are specifically excluded. Bundles may include some siding, auto body sheets, clean wire fencing and cables.

Disposition of Non-Conforming Material by using Department:
reject and return to supplier at his cost.

Sealed units or closed containers are specifically excluded.

Material will not include the following metallics:

Drive train parts, Borings, Rebars, Barrels
Electric motors, Rolls, Cast iron, Free copper
Scale, Engine blocks, Large appliances (white), Heavy lubricants
Fuel tanks, Tern plate, Wire mesh, Pipe valves
Turnings, Tanks/cylinders, Tinplate, High pressure pipe
Springs, Filters, Pipe.

Material will not include non-metallics such as:

Concrete, Dirt, Hazardous waste, Oils, Grease
Toxic waste, Wood, Tires, Plastics
And any other non-conductor or contaminant not listed above.