



WORLD CLASS

REBAR FABRICATION EQUIPMENT



CUTTING SYSTEMS

AUTO BAR BENDERS

TABLE BENDERS






STIRRUP BENDERS

MATERIAL HANDLING



Since 1986, KRB has been a leader in rebar fabrication equipment and material handling systems around the world.

KRB designs and manufactures complete rebar cutting, bending and material handling systems that are built to last. Our customers continue to operate their KRB Machinery for decades after their initial purchase. KRB Machinery has been chosen to support the construction for the Panama Canal, nuclear facilities, bridge and dam projects, Olympic stadiums, Apples' Corporate Offices, the Qatar World Cup, Gravity Based Offshore Platforms, Wind Farms and many more.

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Built to Last

KRB Machinery is Built to Last. KRB offers reliability you can count on to avoid down time and ensure that projects are completed on schedule. KRB has a full line of modular rebar fabrication solutions. From rugged cutting systems to robust Auto Bar Benders and Table Benders, KRB systems are designed to reduce labor, increase output and improve operator safety.

Our Customers

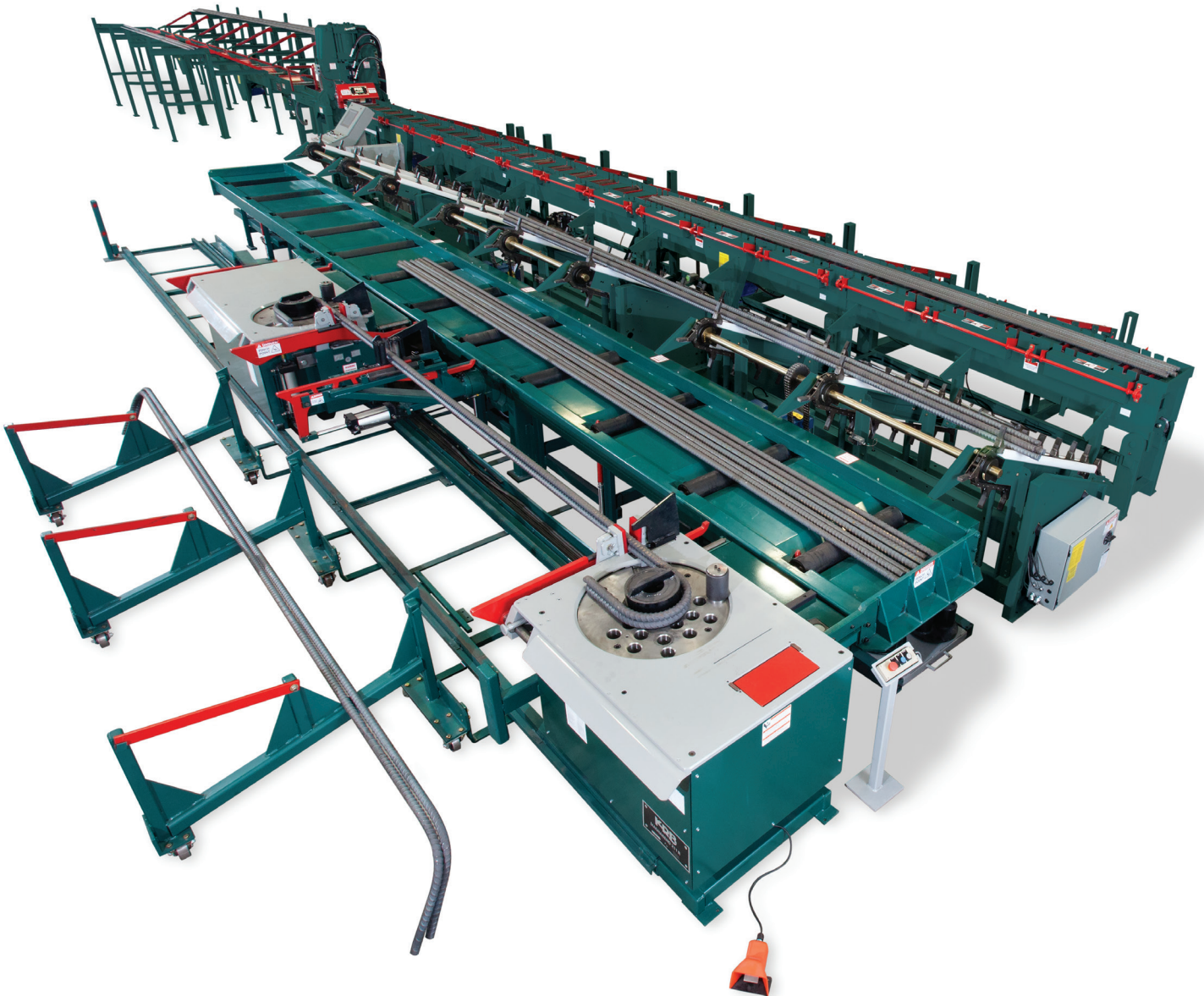
KRB Machinery has been selected by some of the largest steel mills, rebar fabricators and construction companies in the world. Mills including CMC, Arcelor Mittal, Nucor, fabricators like Harris Rebar and AGF, construction companies like Odebrecht, Larsen & Toubro and precasters like Oldcastle have all selected KRB equipment for its quality and long machine life.

Our Reach

KRB equipment operates in 55 countries at over 1500 installations. Our American made shearlines are regarded as the best in the world and are in use on every continent.

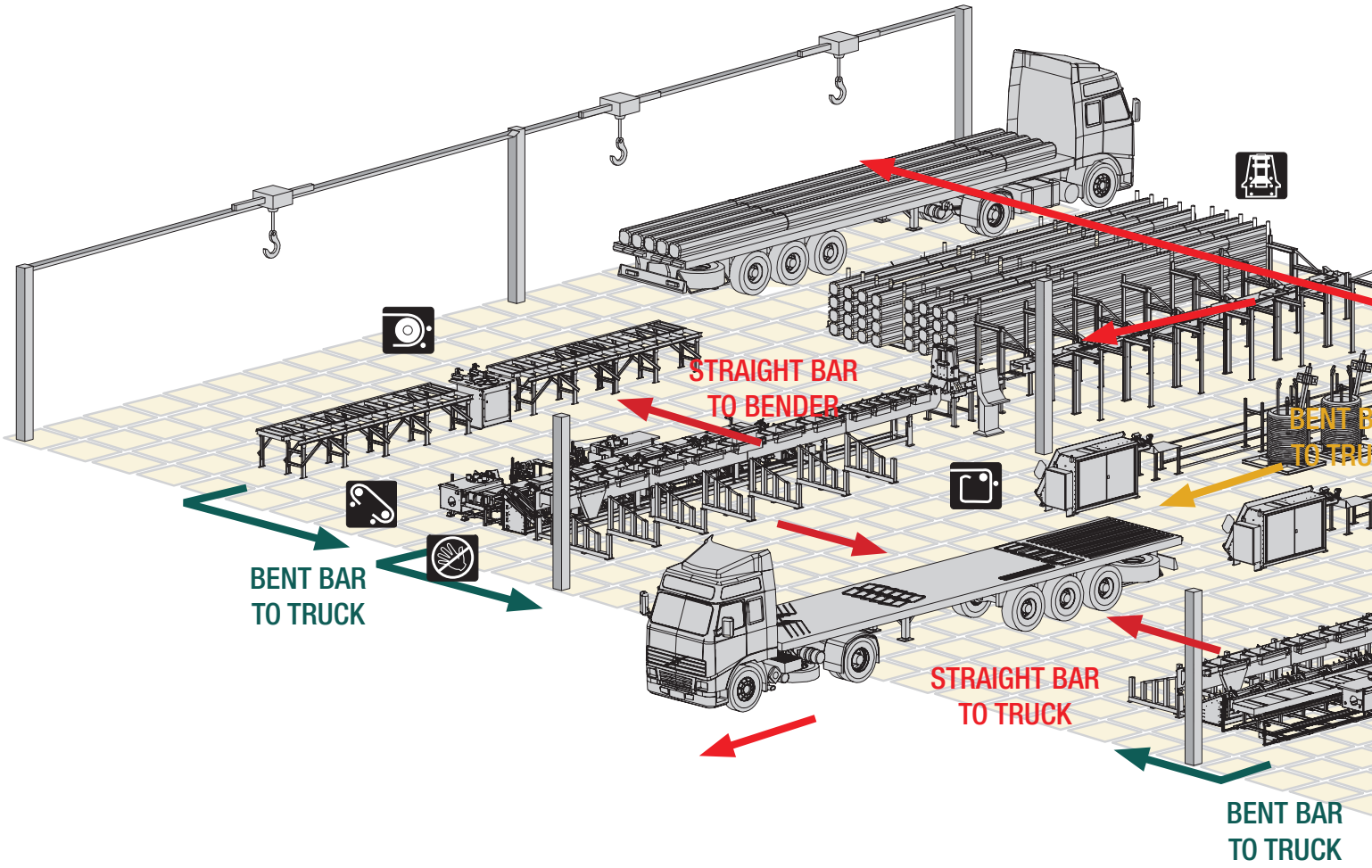
Material Handling Experts

Our experts work with you to develop labor reducing ways to speed more material through your plant. We design and build innovative systems that help eliminate bottle necks, reduce crane lifts and increase operator safety. Call us to find out how we can develop a custom solution for your plant.

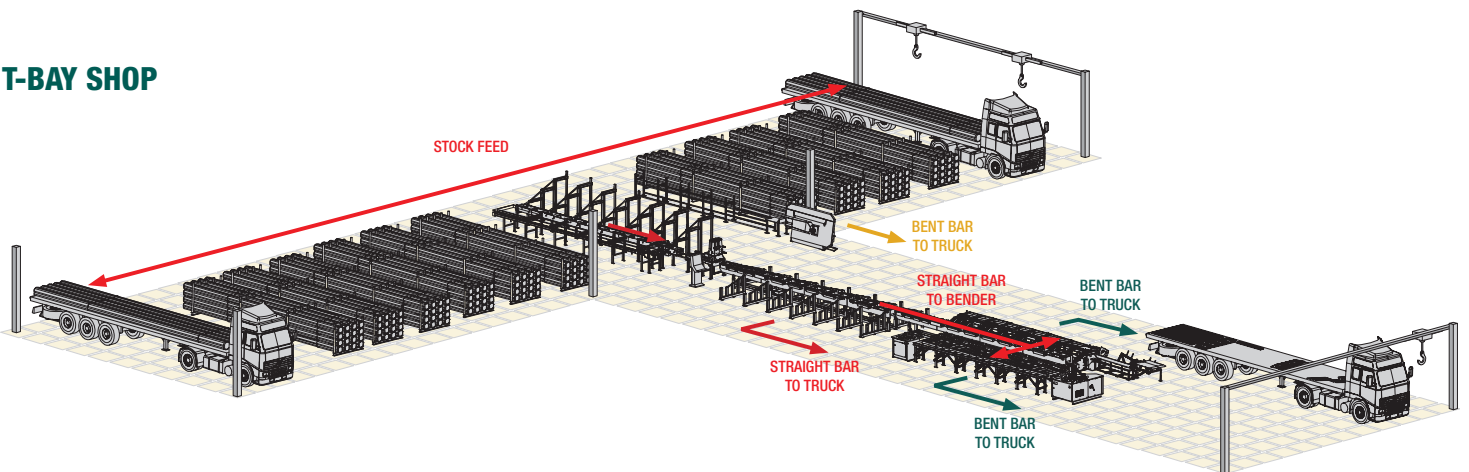




PARALLEL BAY SHOP



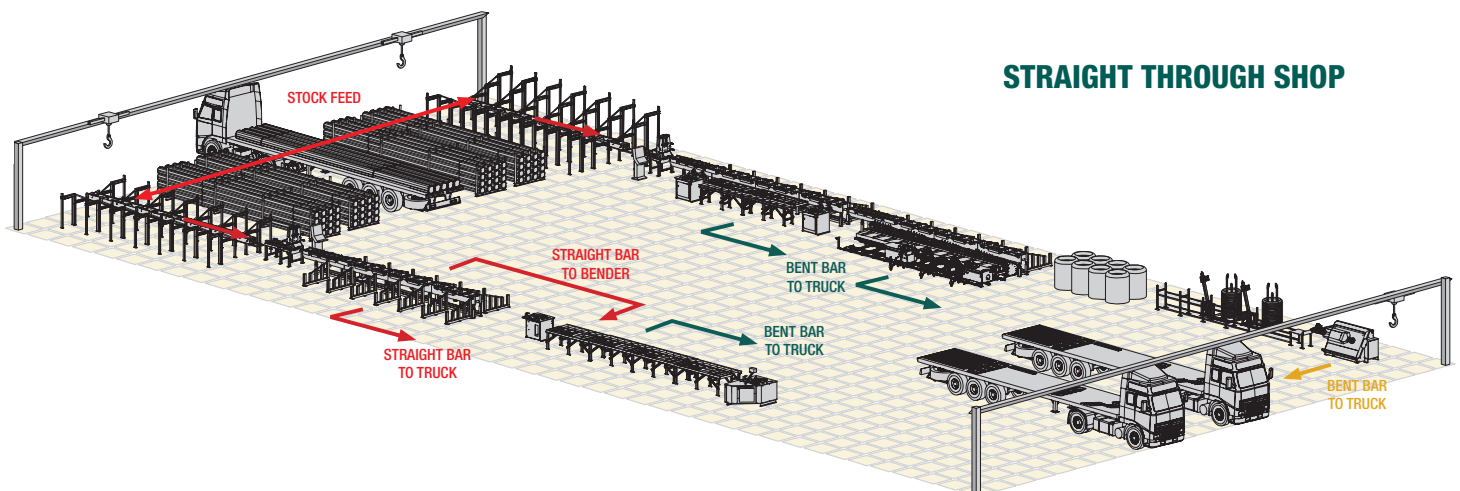
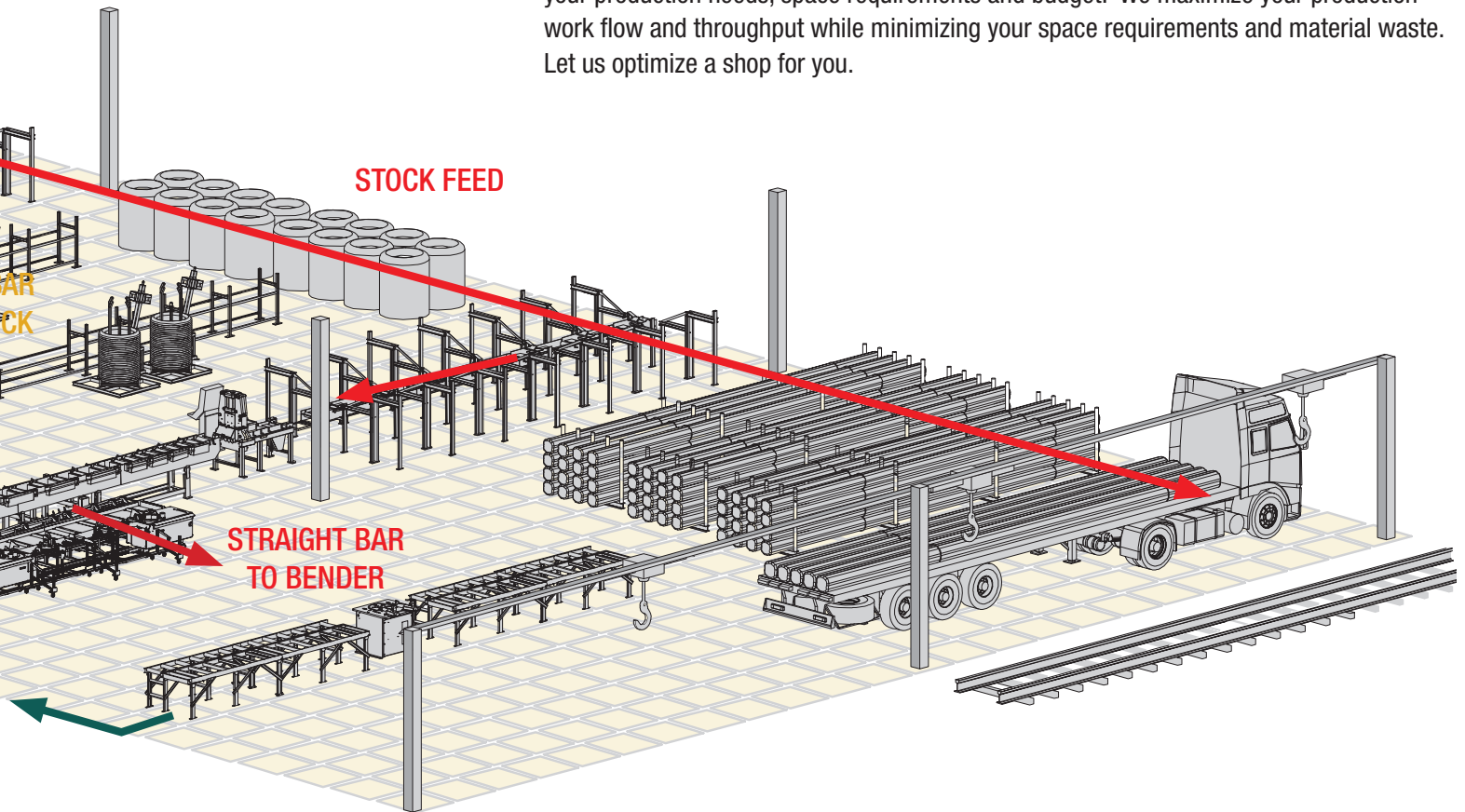
T-BAY SHOP

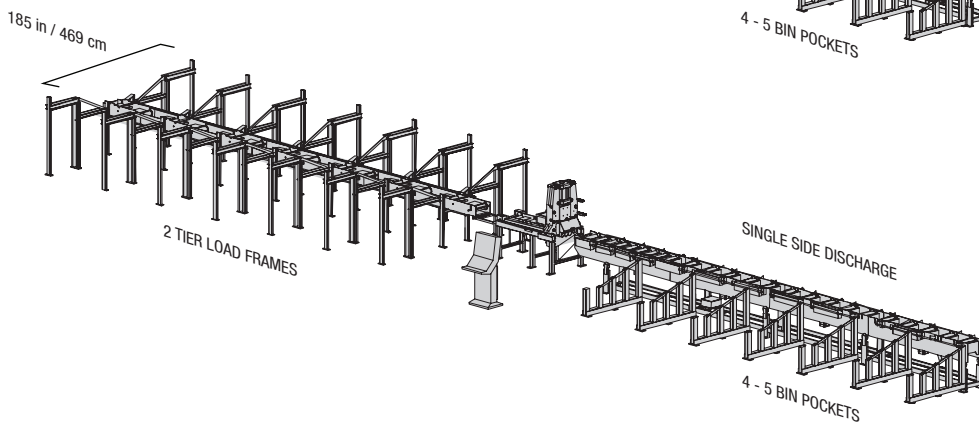
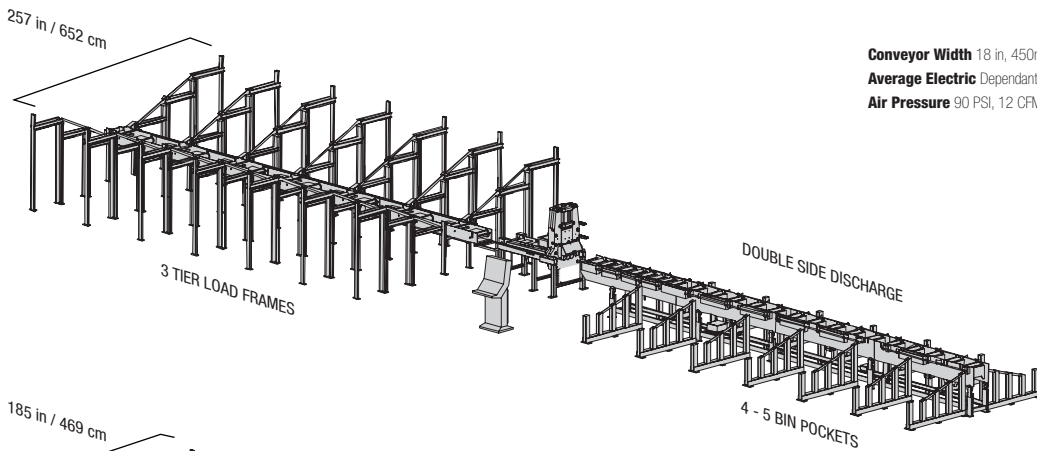


REBAR SHOP OPTIMIZATION

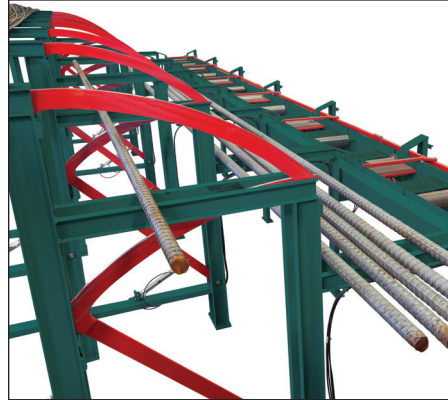


Every KRB proposal is engineered to your specific requirements with the best mix of shearing, bending and material handling equipment. KRB designs each shop based on your production needs, space requirements and budget. We maximize your production work flow and throughput while minimizing your space requirements and material waste. Let us optimize a shop for you.





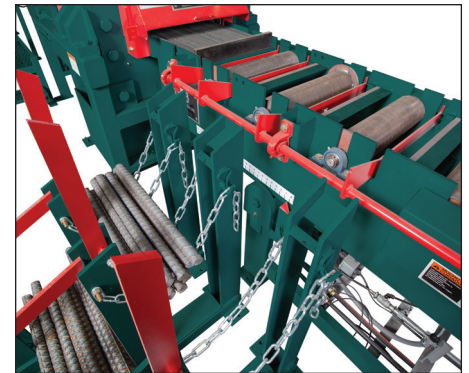
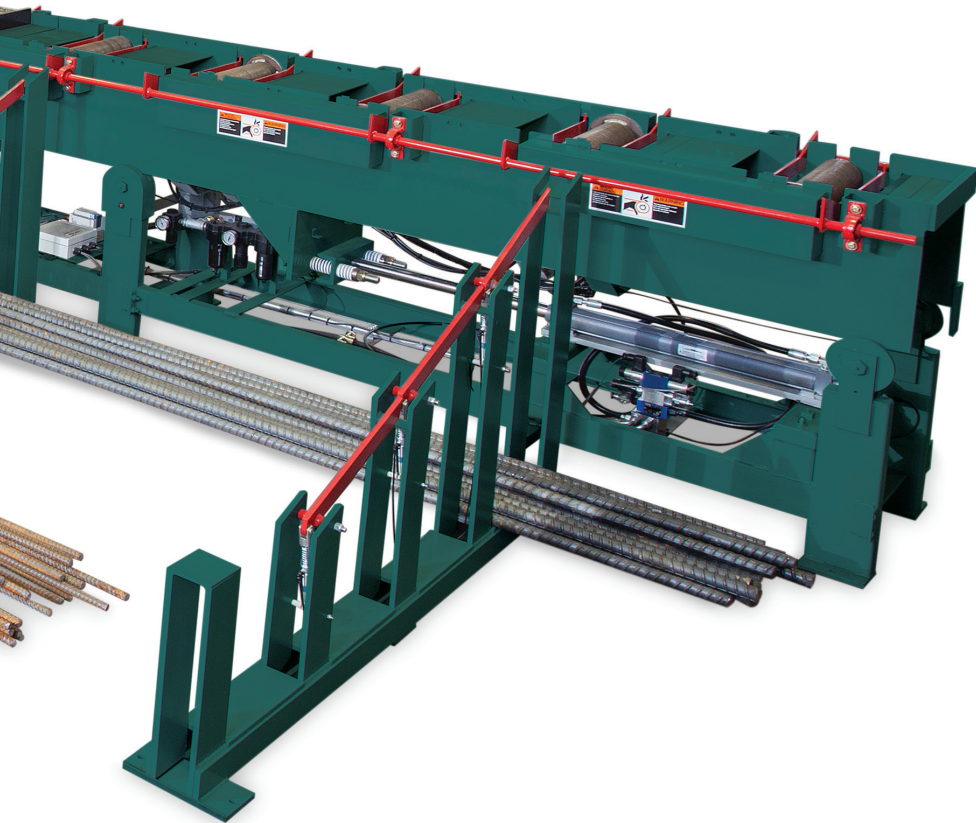
Conveyor Width 18 in, 450mm
Average Electric Dependant on length
Air Pressure 90 PSI, 12 CFM, 6.2 BAR, 340 LPM



Single, double or triple tier load racks with fully retractable arms are standard.

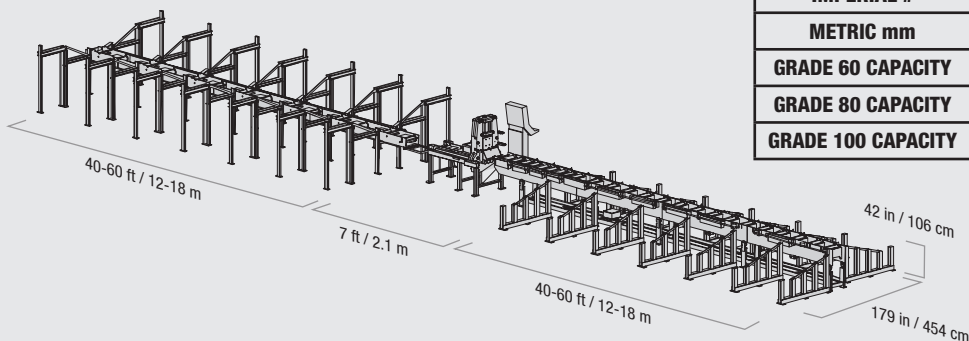


Innovative preload arms allow bars to be loaded while others are being sheared.

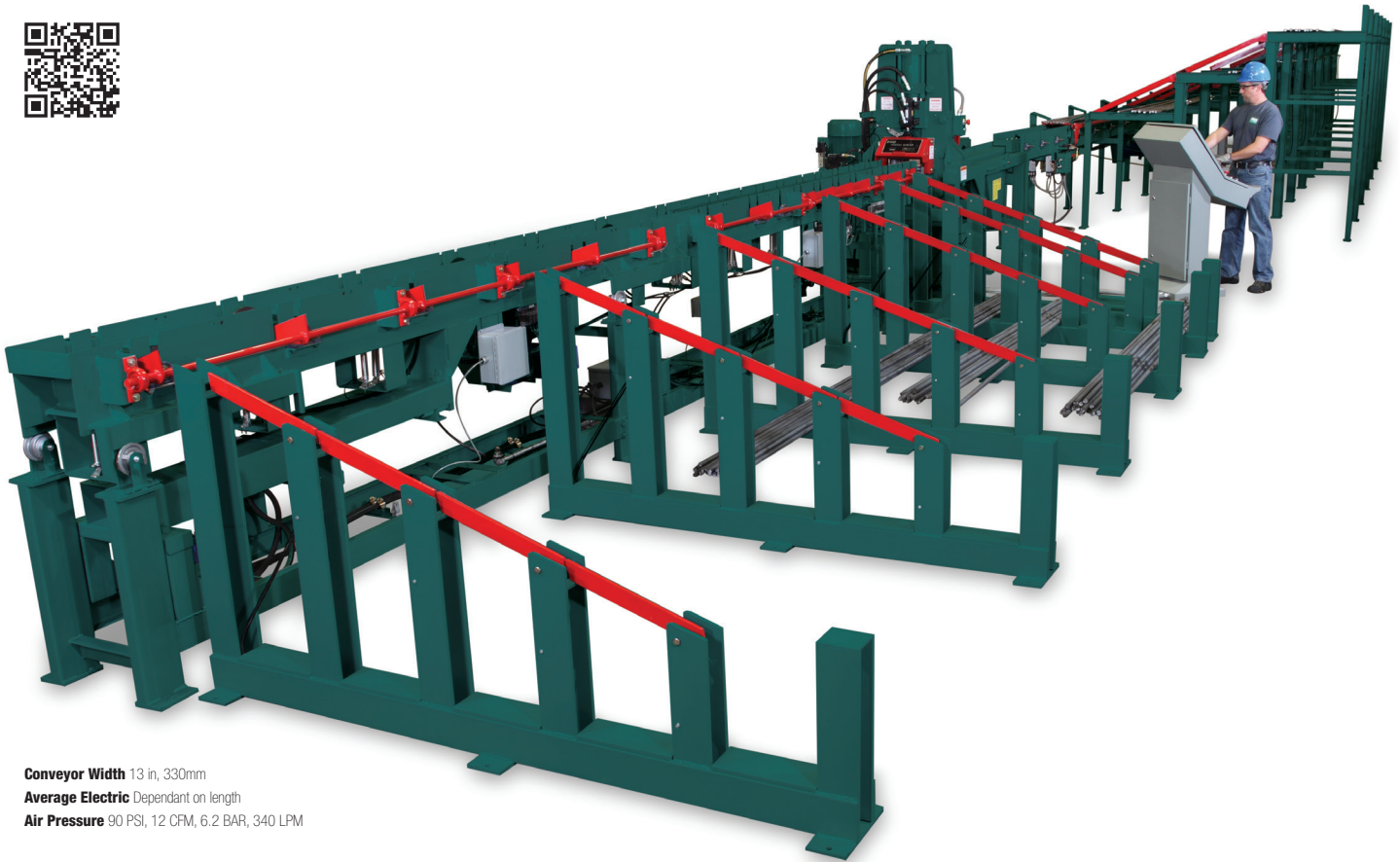


Bars at 24" (609mm) are in contact with three kickoff arms and easily discharged into specially configured bins.

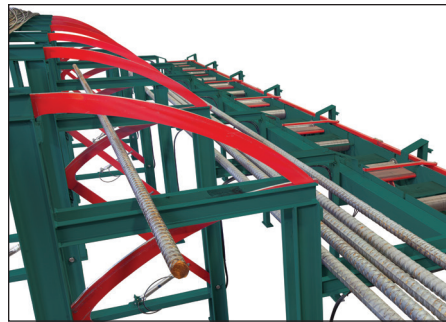
STANDARD SHEARLINE



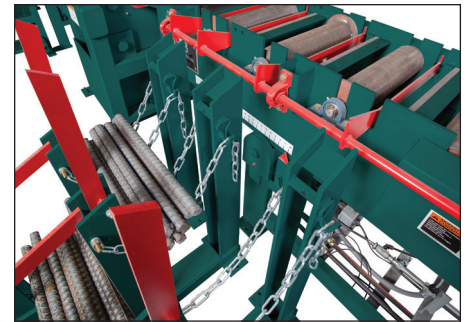
H4100 CAPACITY CHART												
IMPERIAL #	3	4	5	6	7	8	9	10	11	14	18	
METRIC mm	10	12	16	20	22	25	28	32	40	50	55	
GRADE 60 CAPACITY	47	35	27	23	19	17	15	14	12	9	6	
GRADE 80 CAPACITY	47	35	27	23	19	17	15	14	12	6	4	
GRADE 100 CAPACITY	47	35	27	23	19	17	15	14	12	5	3	



Conveyor Width 13 in, 330mm
Average Electric Dependant on length
Air Pressure 90 PSI, 12 CFM, 6.2 BAR, 340 LPM

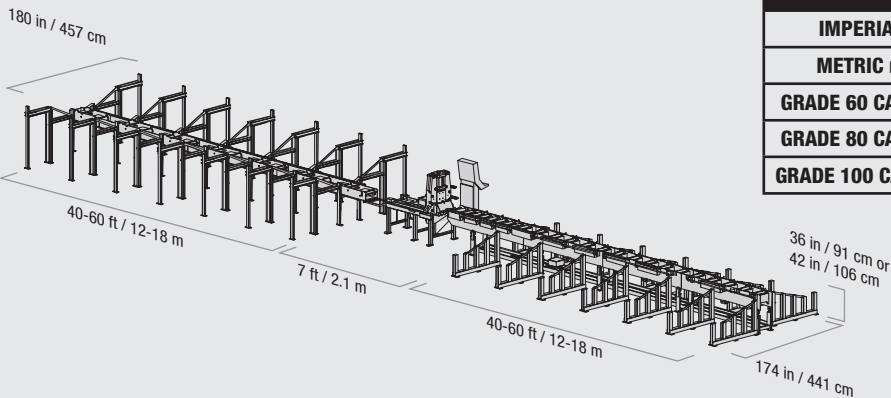


Single, double or triple tier load racks with fully retractable arms are standard.



Bars at 24" (609mm) are in contact with three kickoff arms and easily discharged into specially configured bins.

MINILINE



H3000 CAPACITY CHART

IMPERIAL #	3	4	5	6	7	8	9	10	11	14
METRIC mm	10	12	16	20	22	25	28	32	40	50
GRADE 60 CAPACITY	28	22	18	14	12	10	7	6	4	2
GRADE 80 CAPACITY	28	22	18	14	12	10	7	5	3	1
GRADE 100 CAPACITY	28	22	18	8	6	5	3	2	1	

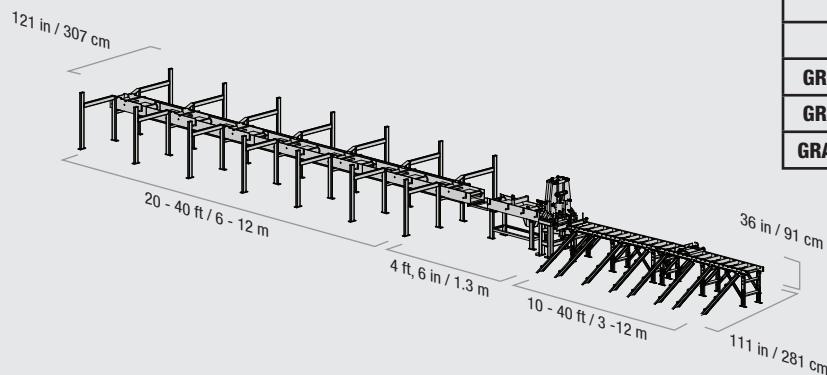


The KRB Budgetline can be paired with either an H3000 or the H3000 K pictured here. The H3000 K can be dropped in place of an A114 Alligator shear.



The manual Trolley allows you to set your stop wherever you like along the measuring side. Bars are then lifted off the conveyor after cutting.

BUDGETLINE



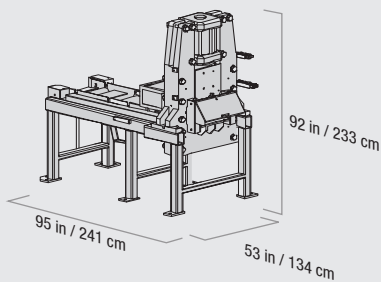
H3000 K CAPACITY CHART

IMPERIAL #	3	4	5	6	7	8	9	10	11	14
METRIC mm	10	12	16	20	22	25	28	32	40	50
GRADE 60 CAPACITY	28	22	18	14	12	10	7	6	4	2
GRADE 80 CAPACITY	28	22	18	14	12	10	7	5	3	1
GRADE 100 CAPACITY	28	22	18	8	6	5	3	2	1	



Conveyor Width 18 in, 450mm
 Average Electric 4 kWh
 Weight 8,400 lbs, 3,810 kg

H4100



H4100 CAPACITY CHART

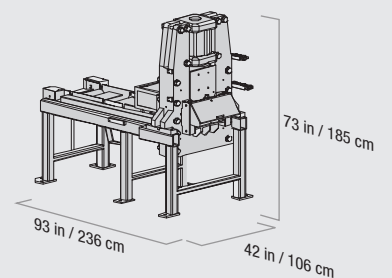
IMPERIAL #	3	4	5	6	7	8	9	10	11	14	18
METRIC mm	10	12	16	20	22	25	28	32	40	50	55
GRADE 60 CAPACITY	47	35	27	23	19	17	15	14	12	9	6
GRADE 80 CAPACITY	47	35	27	23	19	17	15	14	12	6	4
GRADE 100 CAPACITY	47	35	27	23	19	17	15	14	12	5	3



Conveyor Width 13 in, 330mm
Average Electric 3 kWh
Weight 5,000 lbs, 2,267 kg

H3000

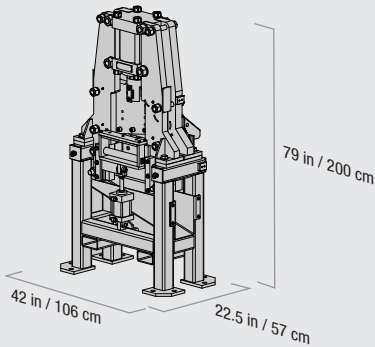
H3000 CAPACITY CHART											
IMPERIAL #	3	4	5	6	7	8	9	10	11	14	
METRIC mm	10	12	16	20	22	25	28	32	40	50	
GRADE 60 CAPACITY	28	22	18	14	12	10	7	6	4	2	
GRADE 80 CAPACITY	28	22	18	14	12	10	7	5	3	1	
GRADE 100 CAPACITY	28	22	18	8	6	5	3	2	1		





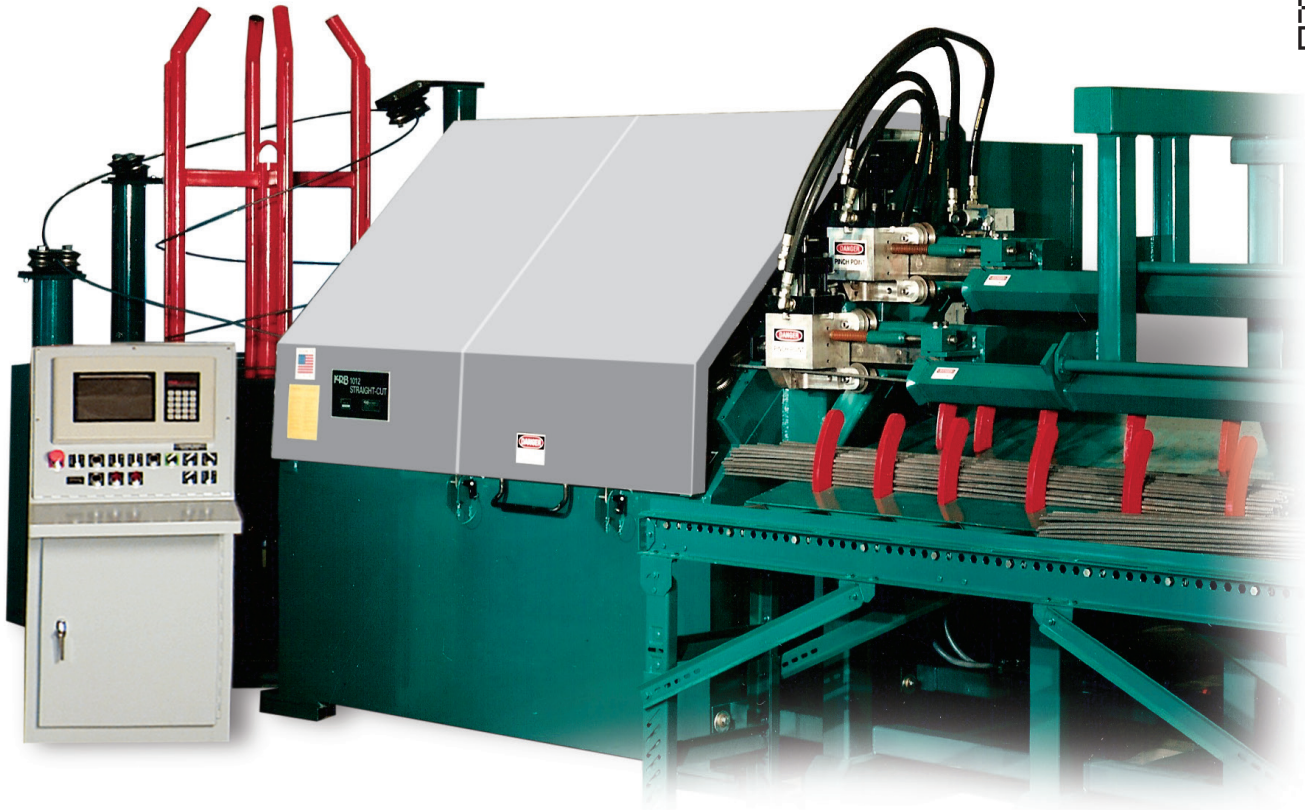
Conveyor Width 13 in, 330mm
Average Electric 3 kW/h
Weight 2,140 lbs, 970 kg
Air Pressure 90 PSI, 12 CFM, 6.2 BAR, 340 LPM

H3000K

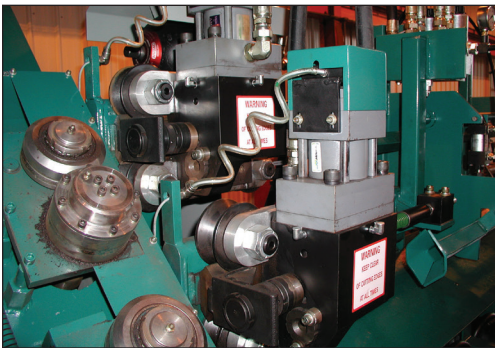


H3000 K CAPACITY CHART

IMPERIAL #	3	4	5	6	7	8	9	10	11	14
METRIC mm	10	12	16	20	22	25	28	32	40	50
GRADE 60 CAPACITY	28	22	18	14	12	10	7	6	4	2
GRADE 80 CAPACITY	28	22	18	14	12	10	7	5	3	1
GRADE 100 CAPACITY	28	22	18	8	6	5	3	2	1	

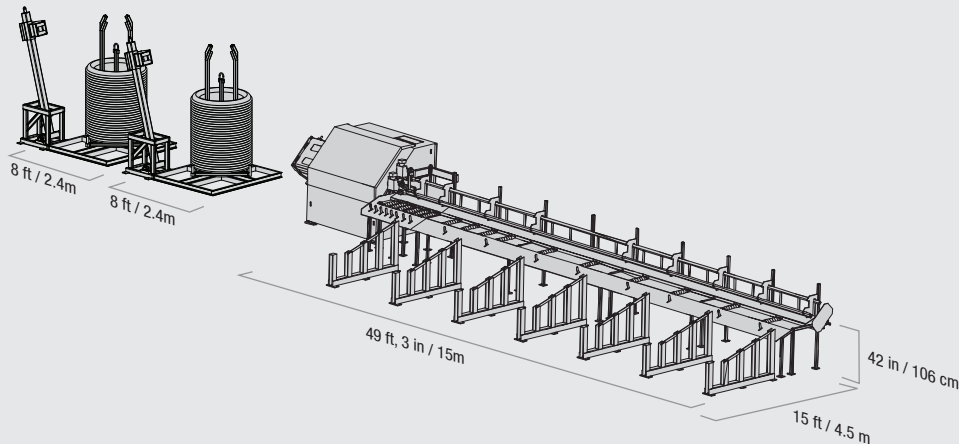


Average Electric 20 kW/h
Air Pressure 90 PSI, 12 CFM, 6.2 BAR, 340 LPM



Heavy duty flying shears cut up to #5 (16mm) rebar at 360 ft./min. (110m/min.)

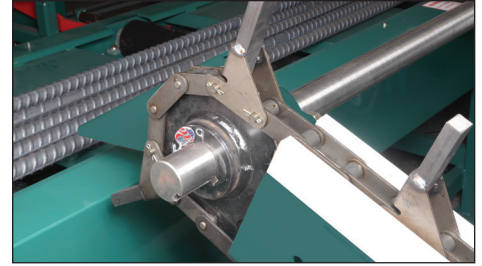
SC 1016



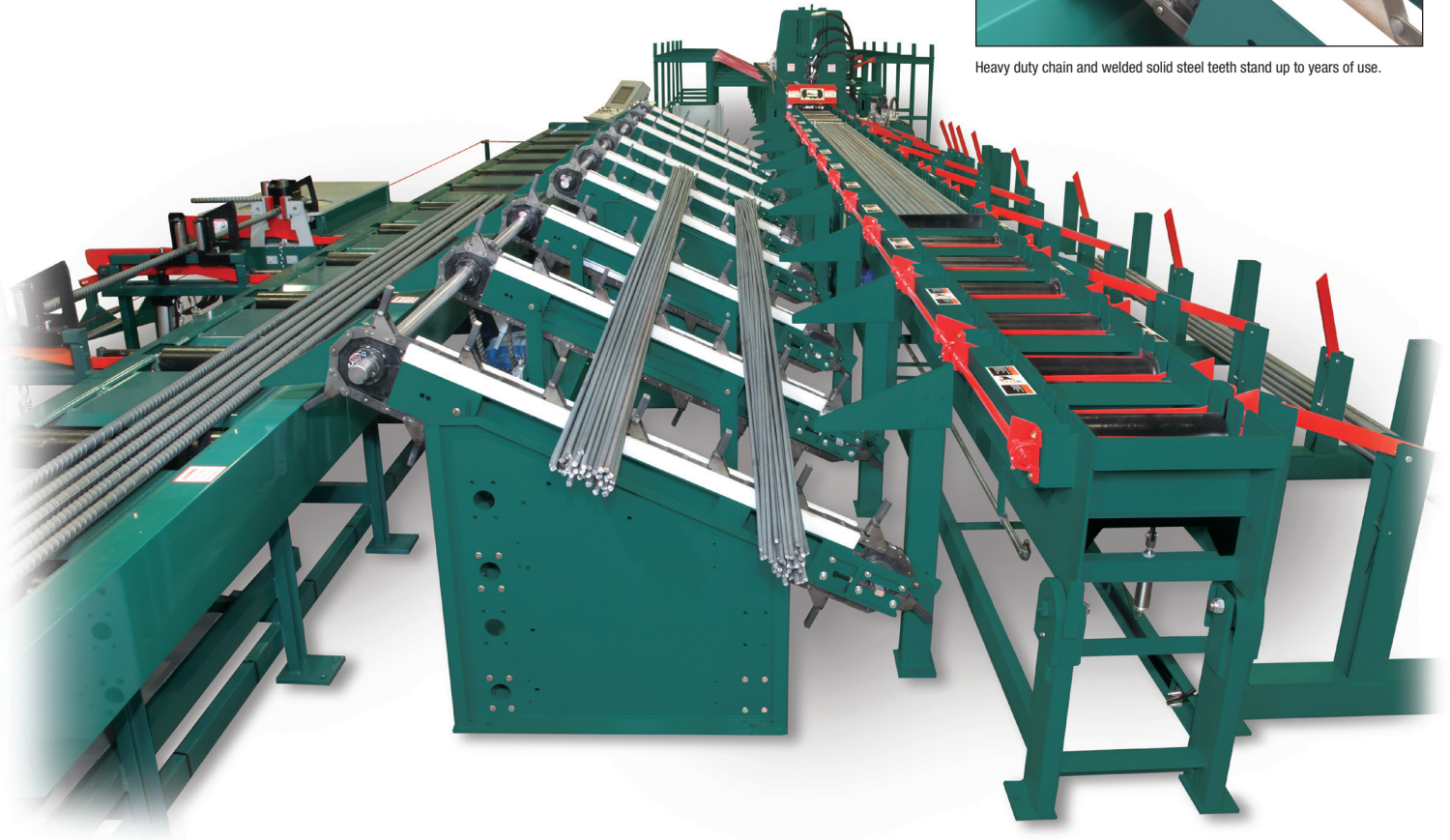
Eliminate waste on short run straight stock.

Move small quantities from the shearline to the straight cut to maximize productivity.

Move #3 - 10mm, #4 - 12mm and #5 - 16mm diameters from the shearline increasing capacity.

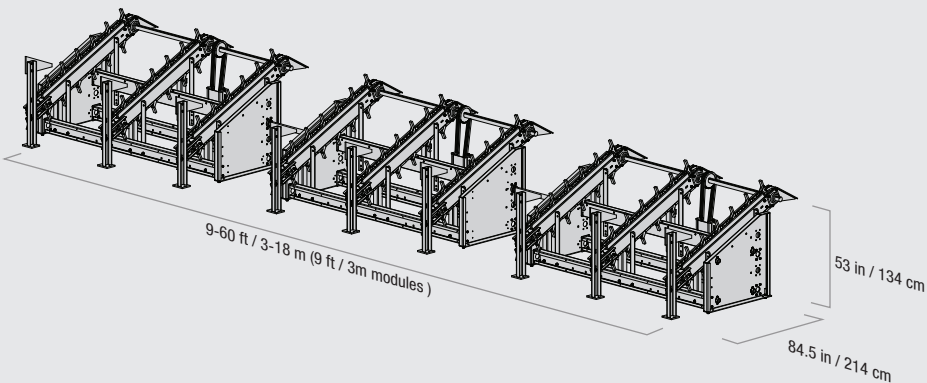


Heavy duty chain and welded solid steel teeth stand up to years of use.



Average Electric 2 kW/h
Capacity 6 pockets, 12 m section holds 6 ton

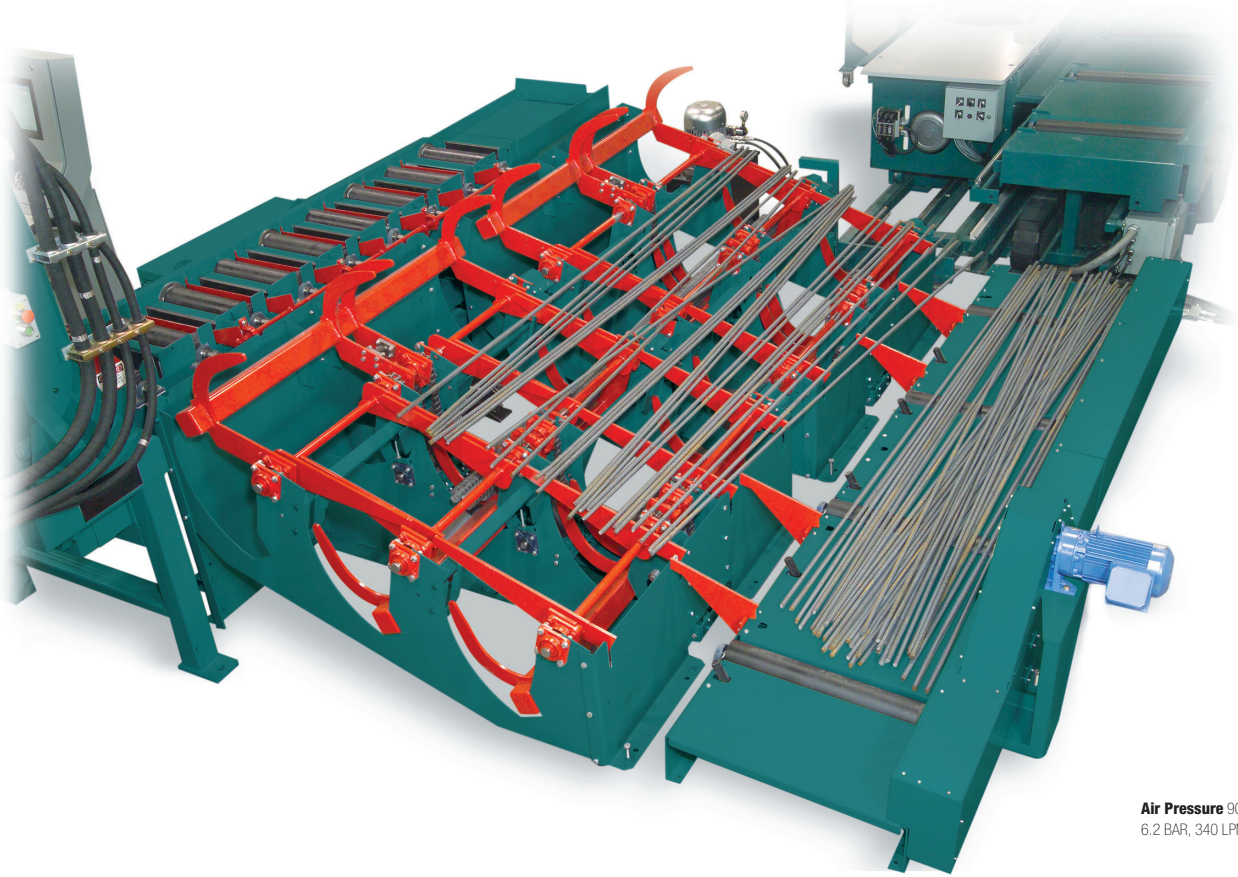
BAR TRANSFER



Stage and buffer bars
for bending stations.

Eliminate crane lifts
to the benders.

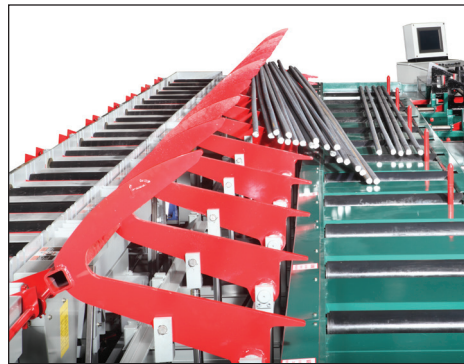
Constantly feed the
bending stations
to increase productivity.



Air Pressure 90 PSI, 12 CFM,
6.2 BAR, 340 LPM

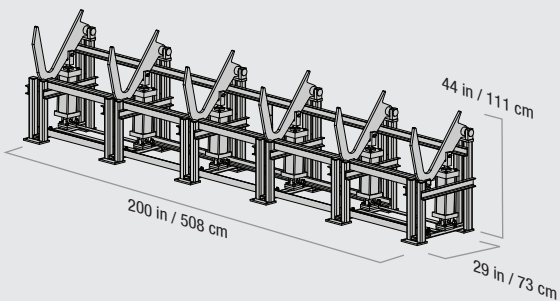


Single bin evacuating pocket.



Single bin evacuating pocket discharging onto auto bar bender.

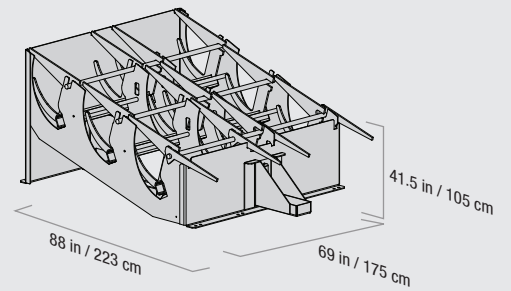
EVACUATING BINS



Stage and buffer bars
for bending stations.

Optimize bundles in
the bin or pocket.

Reduce crane lifts from
the pockets.





An operator only needs to lift the ends of the bars into a trough, the Autoshakeout does the rest. Reduce repetitive motion injuries and operator strain.

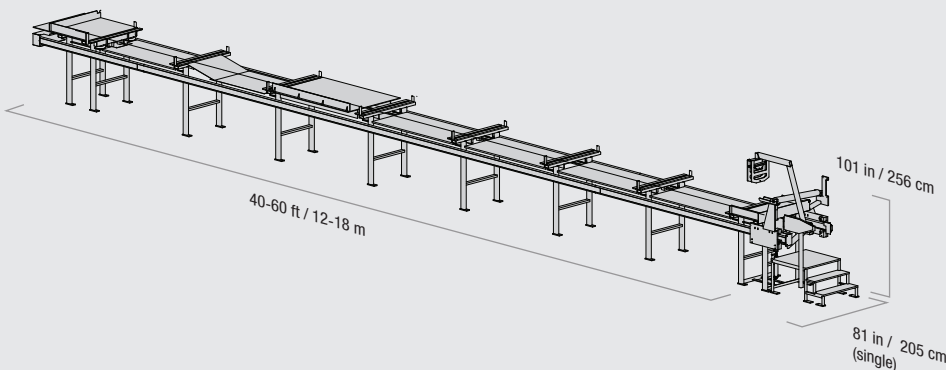
Average Electric 2 kWh

Air Pressure 90 PSI, 12 CFM, 6.2 BAR, 340 LPM

Covered by U.S. Patent Numbers 7,364,397, 7,234,911, 8,137,049 and 7,744,336



AUTOSHAKEOUT



Reduce operator fatigue.

Reduce repetitive motion injuries and insurance claims.

Increase your shop throughput.



Using an air bag system and electric vibrating motors, bundles can be spread out on the shakeout table faster than conventional methods.

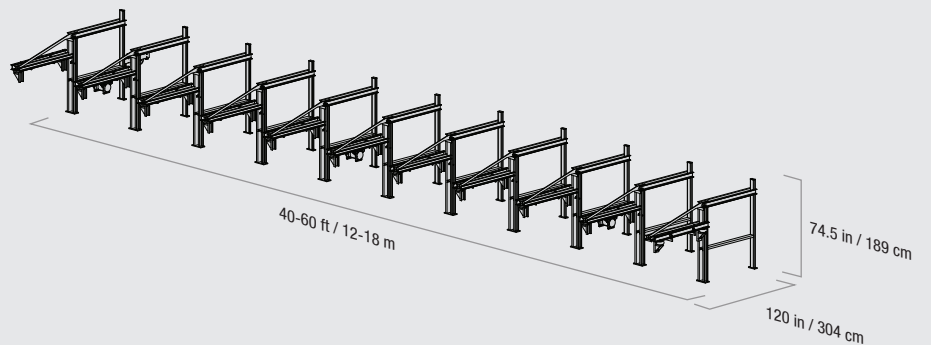
Average Electric 2 kWh
Air Pressure 90 PSI, 12 CFM, 6.2 BAR, 340 LPM
 Covered by U.S. Patent Numbers 8,137,049 and 7,744,336

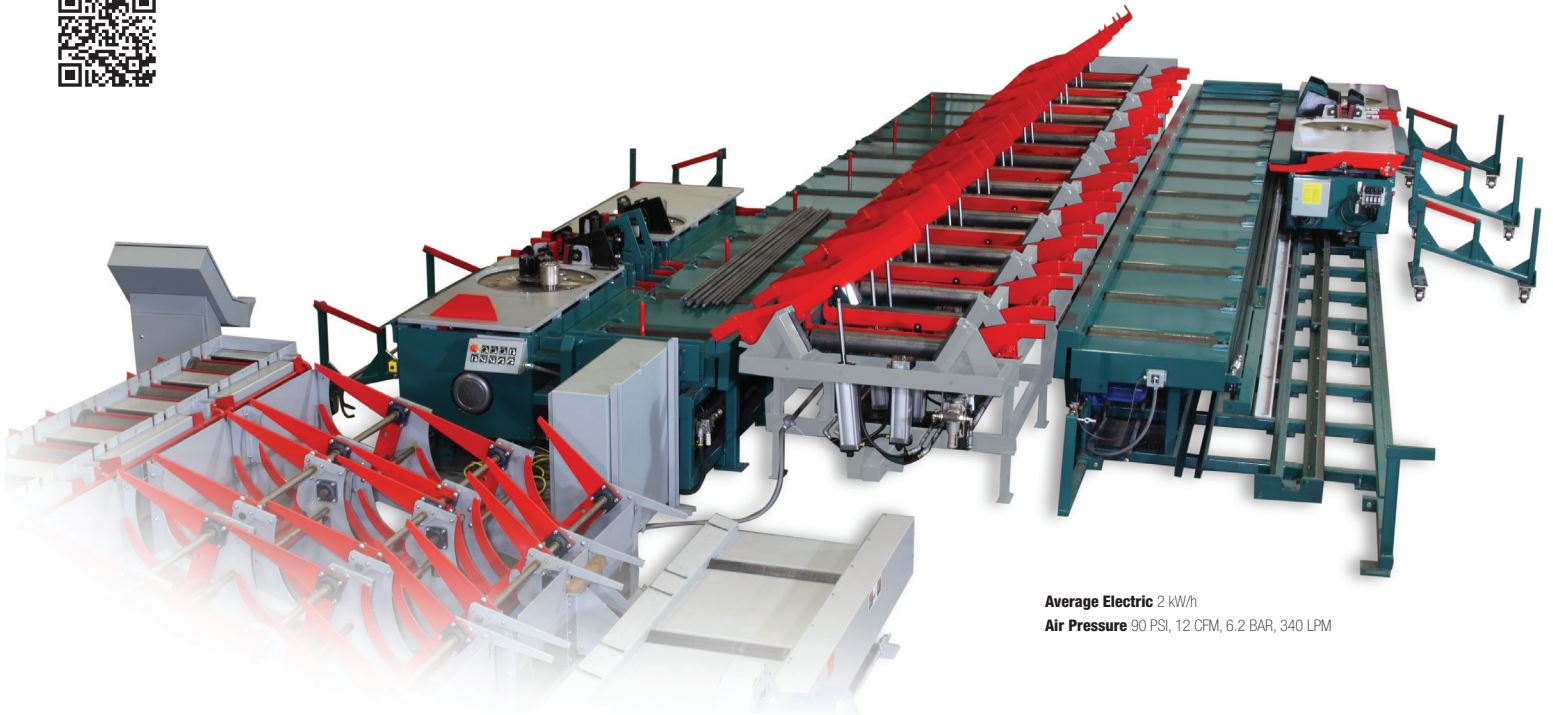
BAR SEPARATOR

Vibrates load rack to spread the bars more efficiently.

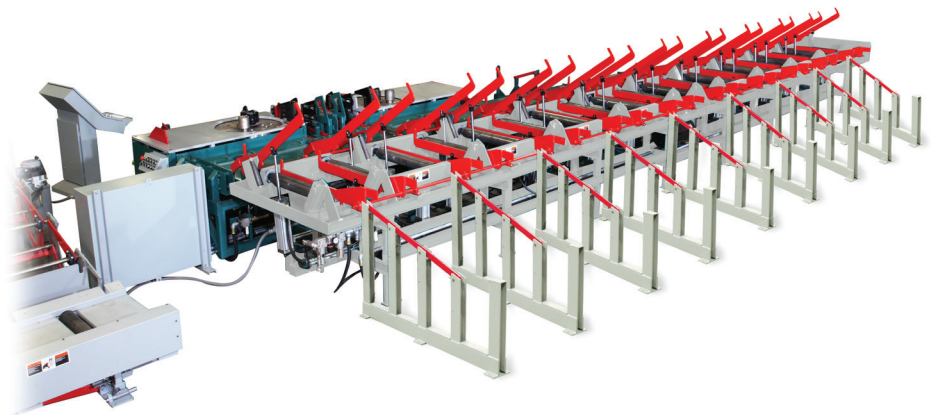
Reduces material handling.

Reduces operator fatigue and repetitive motion injuries.

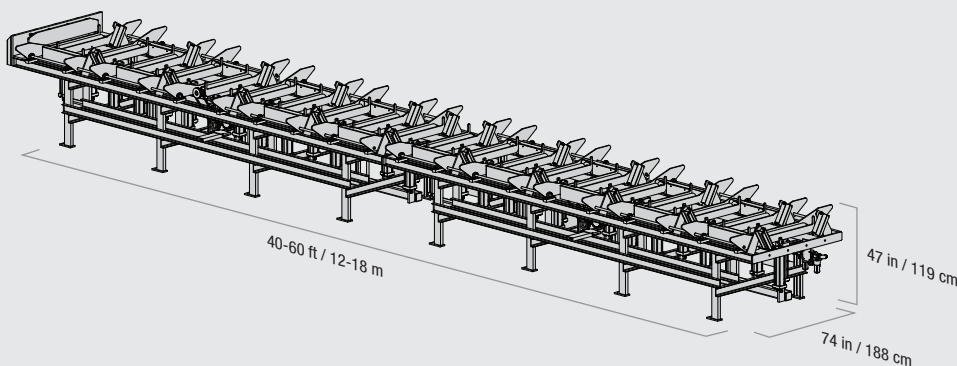




Average Electric 2 kW/h
Air Pressure 90 PSI, 12 CFM, 6.2 BAR, 340 LPM



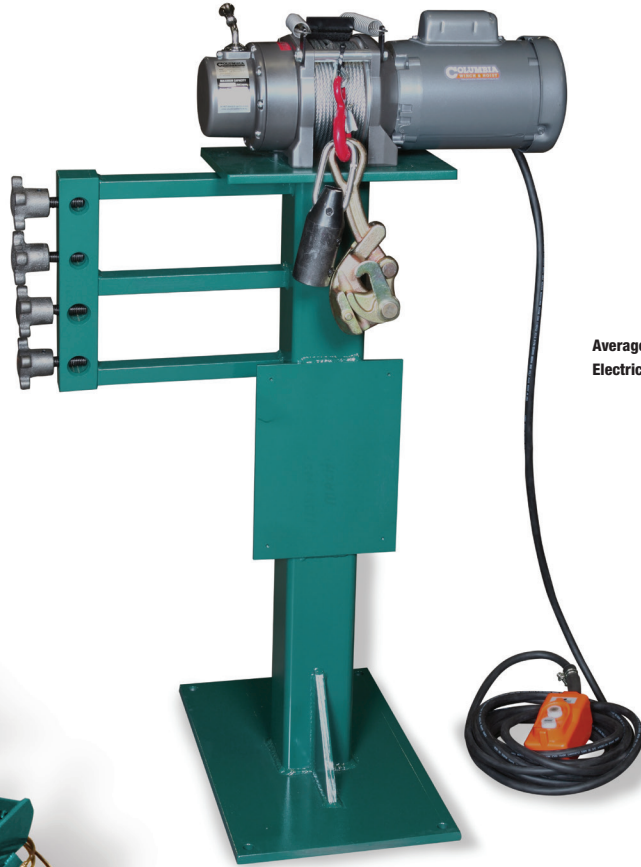
BUNDLE CONVEYOR



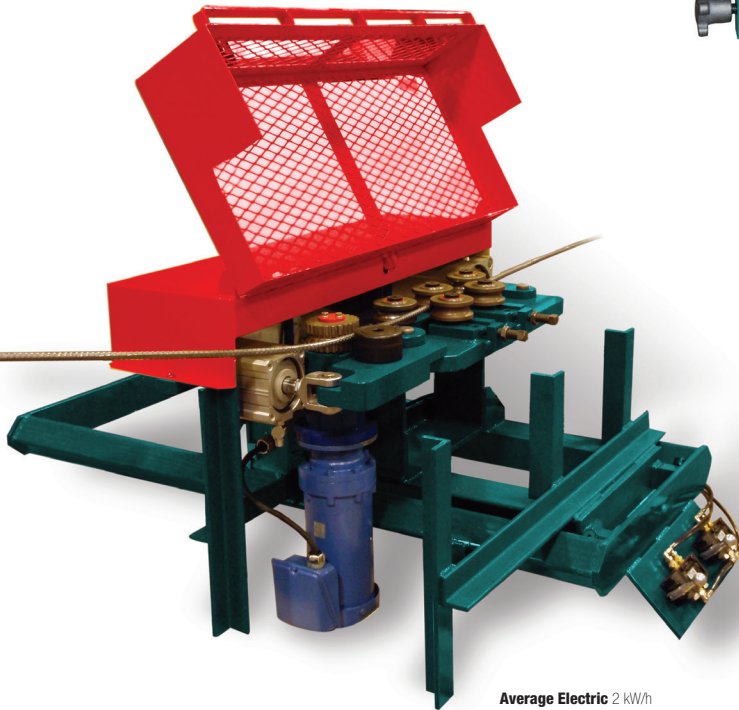
Convey built bundles to bending stations downstream.

Eliminate crane lifts to the benders.

Constantly feed the bending stations to increase productivity.



Average Electric 1.5 kW/h
Electric 110 v



Average Electric 2 kW/h
Air Pressure 90 PSI, 12 CFM, 6.2 BAR, 340 LPM

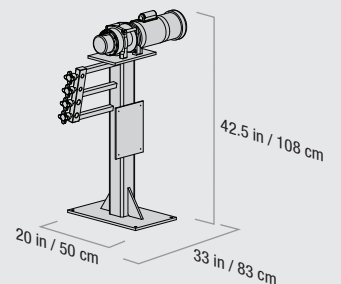
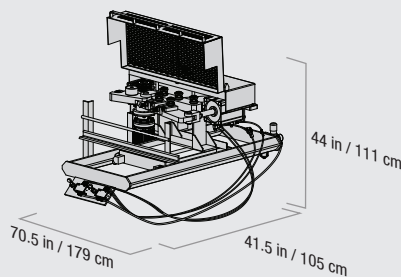


PRESTRAIGHTENER/WINCH

One operator can load coil fed Automatic Stirrup Benders.

Reduce operator strain.

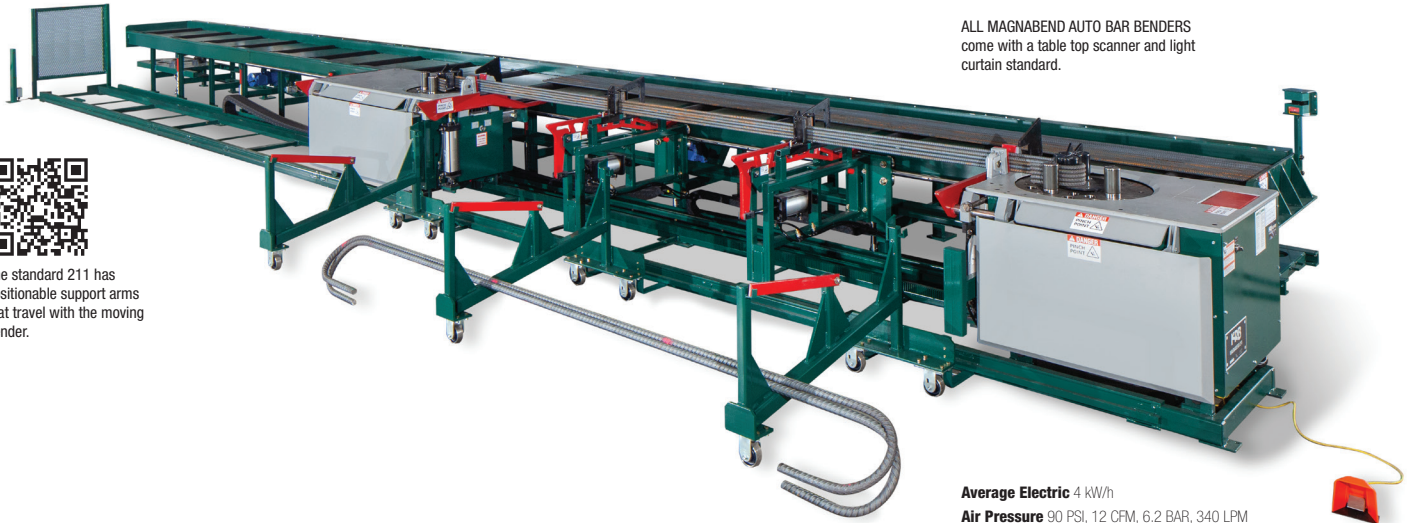
Increase safety while loading coil fed machines.



ALL MAGNABEND AUTO BAR BENDERS come with a table top scanner and light curtain standard.



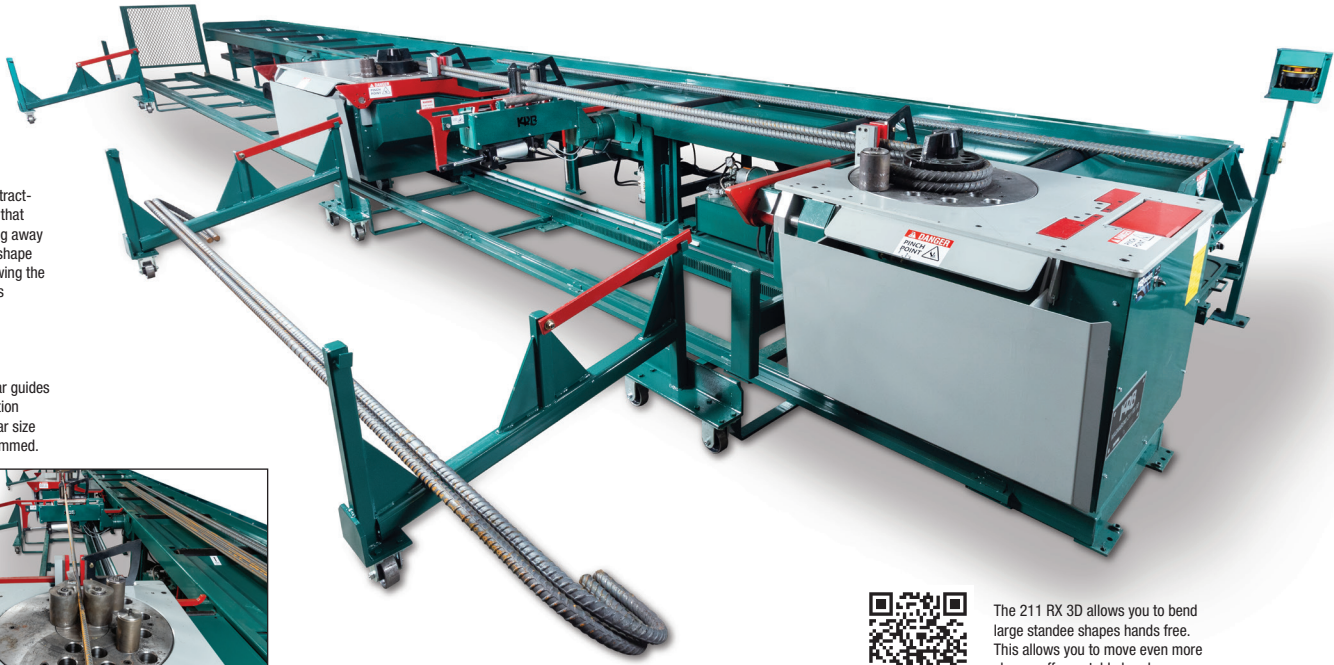
The standard 211 has positionable support arms that travel with the moving bender.



Average Electric 4 kW/h
Air Pressure 90 PSI, 12 CFM, 6.2 BAR, 340 LPM
Minimum Center Distance 990 mm



The 211 RX has retractable support arms that automatically swing away depending on the shape programmed, allowing the bend boxes to pass by.

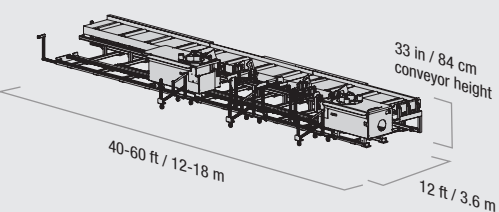


The clamps and bar guides automatically position according to the bar size and tooling programmed.



The 211 RX 3D allows you to bend large standee shapes hands free. This allows you to move even more shapes off your table benders.

MAGNABEND 211 | 211 RX | 211 RX3D



MAGNABEND 211/211 RX CAPACITY CHART Grade 60 / 65kg/mm²

IMPERIAL #	3	4	5	6	7	8	9	10	11	14
METRIC mm	10	12	16	20	22	25	28	32	40	50
CAPACITY MANDREL	9	7	6	6	5	5	4	3	2	1
CAPACITY SPLIT	9	7	6	6	5	4	3	2	1	1

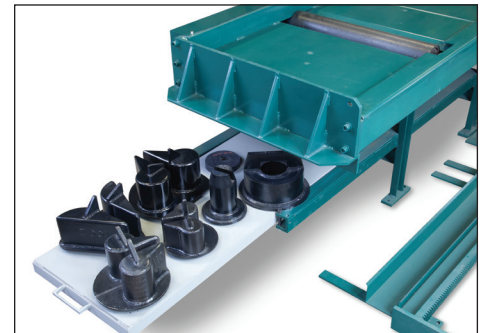
MAGNABEND 211/211 RX CAPACITY CHART Grade 80 / 85kg/mm² (* to 45 degrees)

IMPERIAL #	3	4	5	6	7	8	9	10	11	14
METRIC mm	10	12	16	20	22	25	28	32	40	50
CAPACITY MANDREL	9	7	6	6	5	5	4	3	2	1
CAPACITY SPLIT	9	7	6	6	4	3	3*	2*	1*	

Average Electric 3 kW/h
 Air Pressure 90 PSI, 12 CFM, 6.2 BAR, 340 LPM
 Minimum Center Distance 979mm

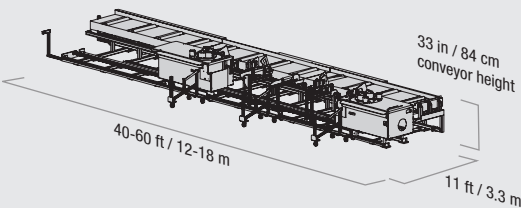


All Magnabend models come with operator friendly controls that are fast to set-up and reduce operator errors.



Stow-away tooling trays at each end of the conveyor, prevent tripping hazards.

MAGNABEND 111



MAGNABEND 111 CAPACITY CHART Grade 60 / 65kg/mm ²									
IMPERIAL #	3	4	5	6	7	8	9	10	11
METRIC mm	10	12	16	20	22	25	28	32	40
CAPACITY MANDREL	9	7	6	4	4	3	2	2	1
CAPACITY SPLIT	9	7	5	4	3	2	2	1	1

MAGNABEND 111 CAPACITY CHART Grade 80 / 85kg/mm ² (* to 45 degrees)									
IMPERIAL #	3	4	5	6	7	8	9	10	11
METRIC mm	10	12	16	20	22	25	28	32	40
CAPACITY MANDREL	9	7	6	4	4	3	2	1	1
CAPACITY SPLIT	9	7	5	4	3	2	2*	1*	1*



ALL KRB TABLE BENDERS come standard with a safety scanner that covers the table top.



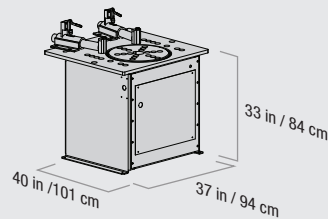
#11 CS has air activated clamps and a safety scanner that covers the table top.

Average Electric 3 kW/h
Weight 2,200 lbs, 997 kg

Average Electric 3 kW/h
Weight 2,200 lbs, 997 kg
Air Pressure 90 PSI, 12 CFM, 6.2 BAR, 340 LPM



40mm / #11 MECHANICAL BENDER | #11 CS



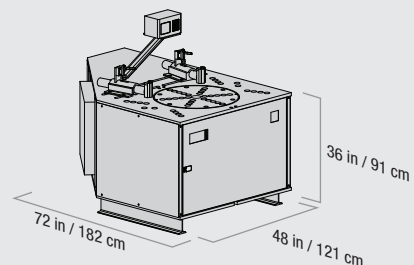
40mm - #11 CAPACITY CHART (*bend around 9.5" tool)										
IMPERIAL #	3	4	5	6	7	8	9	10	11	
METRIC mm	10	12	16	20	22	25	28	32	40	
GRADE 60 CAPACITY	12	8	6	4	3	2	1	1	1	
GRADE 80 CAPACITY	12	7	5	3	3	2	1	1	1	
GRADE 100 CAPACITY	12	6	4	3	2	1	1	1	1*	



Average Electric 5 kW/h
Weight 4,600 lbs, 2,086 kg

50mm / #14 MECHANICAL BENDER

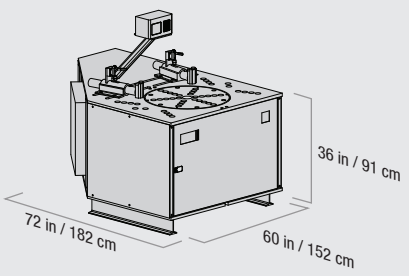
50mm - #14 CAPACITY CHART										
IMPERIAL #	3	4	5	6	7	8	9	10	11	14
METRIC mm	10	12	16	20	22	25	28	32	40	50
GRADE 60 CAPACITY	14	10	7	5	4	3	2	2	1	1
GRADE 80 CAPACITY	14	10	6	4	3	2	2	2	1	1
GRADE 100 CAPACITY	14	10	6	4	3	2	2	2	1	1



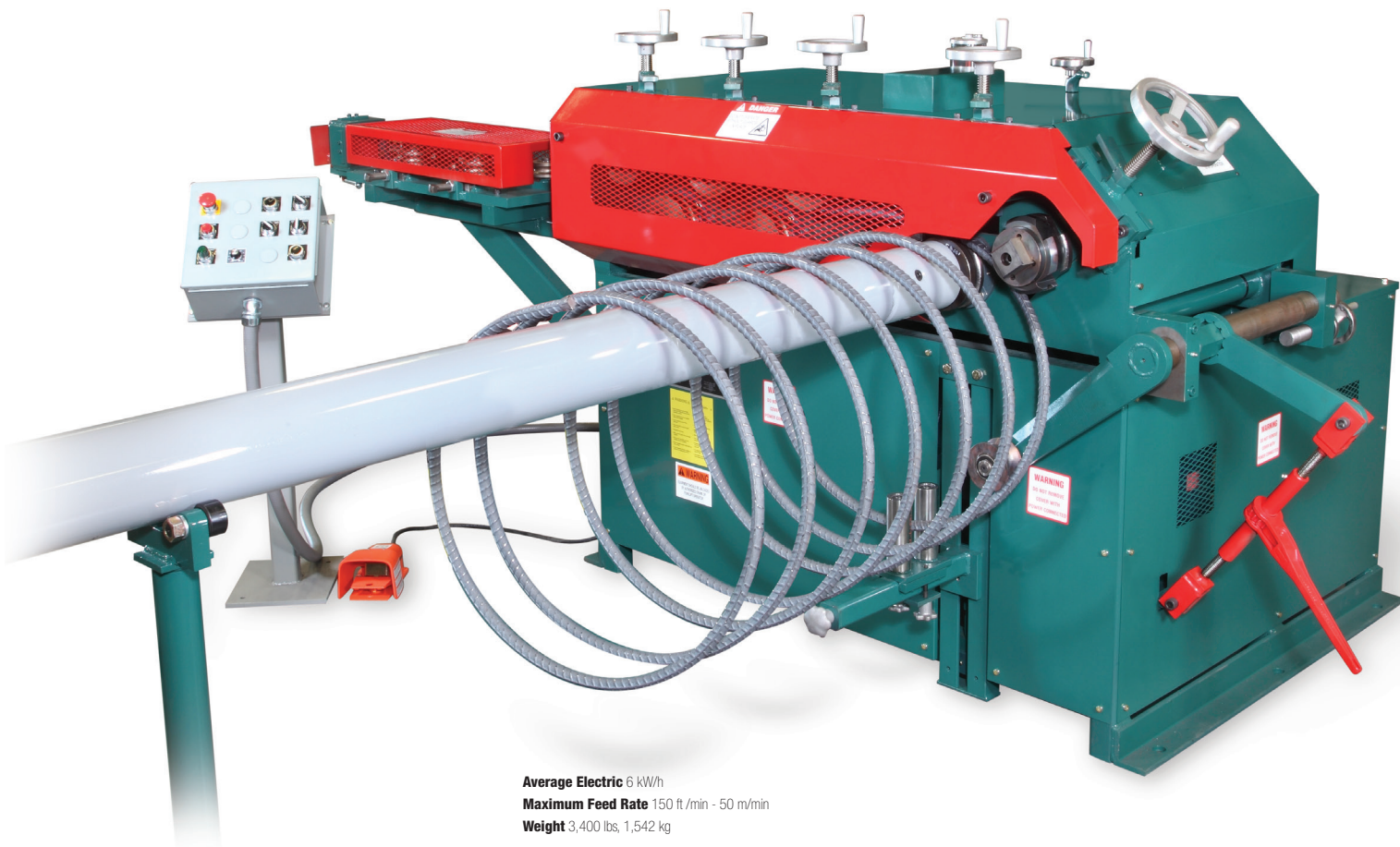


Average Electric 5 kW/h
Weight 6,100 lbs, 2,766 kg

55mm / #18 MECHANICAL BENDER



55mm - #18 CAPACITY CHART											
IMPERIAL #	3	4	5	6	7	8	9	10	11	14	18
METRIC mm	10	12	16	20	22	25	28	32	40	50	55
GRADE 60 CAPACITY	14	10	7	5	4	3	2	2	1	1	1
GRADE 80 CAPACITY	14	10	6	4	3	2	2	2	1	1	1
GRADE 100 CAPACITY	14	10	6	4	3	2	2	2	1		



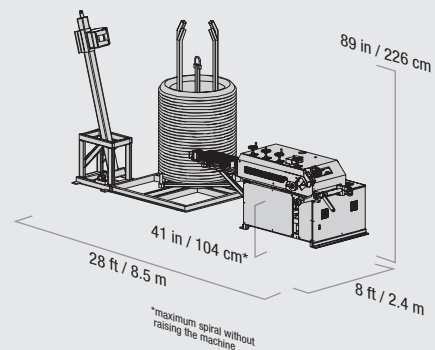
Average Electric 6 kW/h
Maximum Feed Rate 150 ft/min - 50 m/min
Weight 3,400 lbs, 1,542 kg

722 SPIRALMATIC

Variable speed 15 hp
VFD drive.

Diameter and pitch adjustment
provides control for diameter
and the pitch of the spiral.

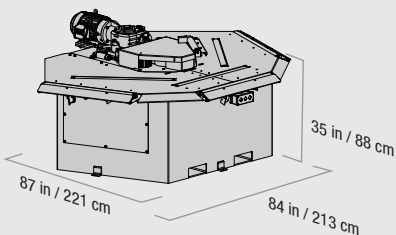
Spiral up to #7 -
22mm bar.





Average Electric 3 kWh
Maximum Feed Rate 144 ft/min - 44 m/min
Weight 1,950 lbs, 884 kg

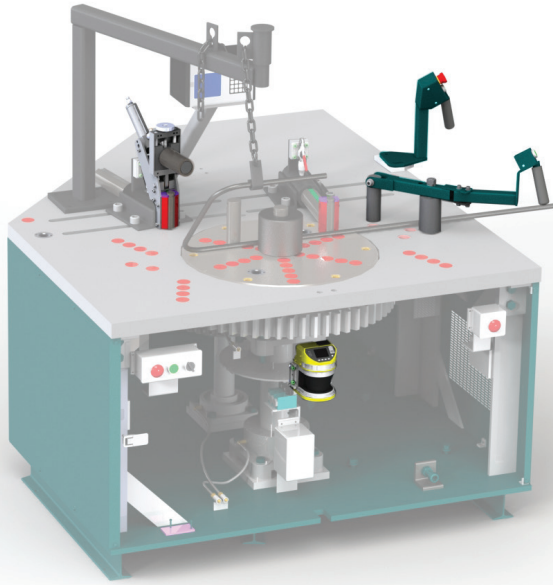
40mm / #11 RADIUS BENDER



Variable speed 7.5 hp
VFD drive.

Multiple radius presets (6)
32 memory presets for
each bar size.

Radius up to #11 -
40mm bars.



HANDS FREE TOOLING

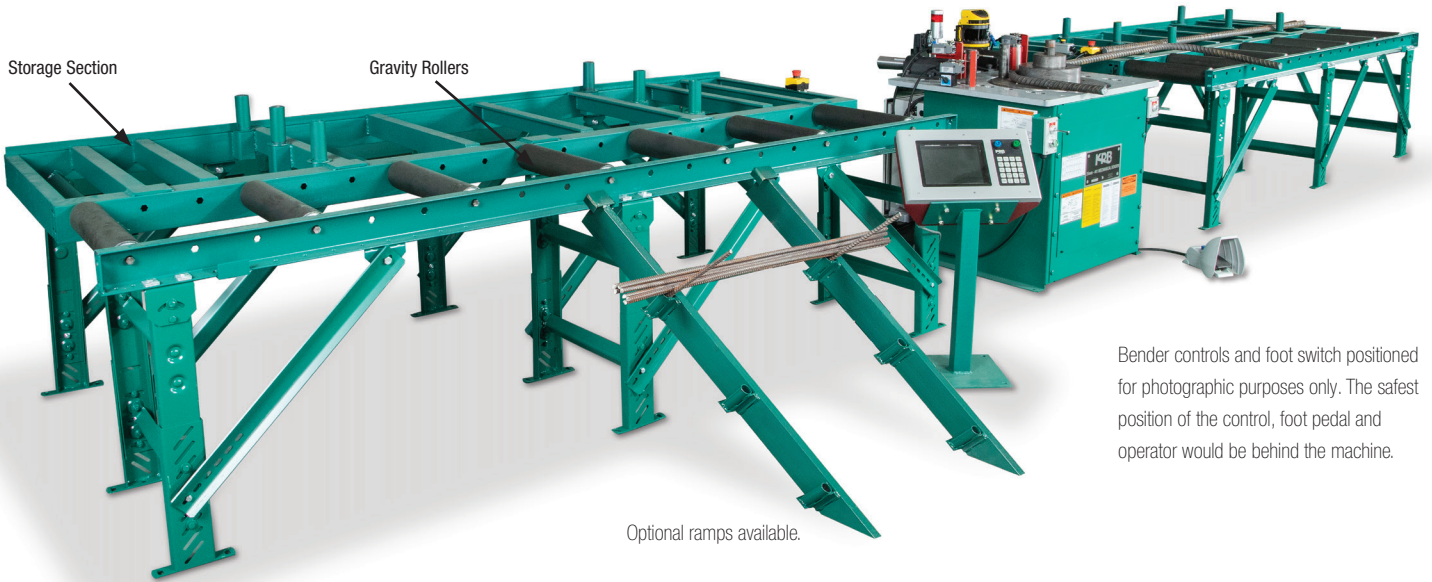
KRB has a tooling kit for your table benders that makes the bending operation hands free.

Our Hands Free Tooling can be retrofitted to other manufactures benders that have back up rams and can be placed to either side of the bender.



Storage Section

Gravity Rollers

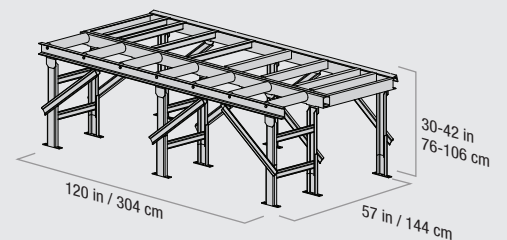


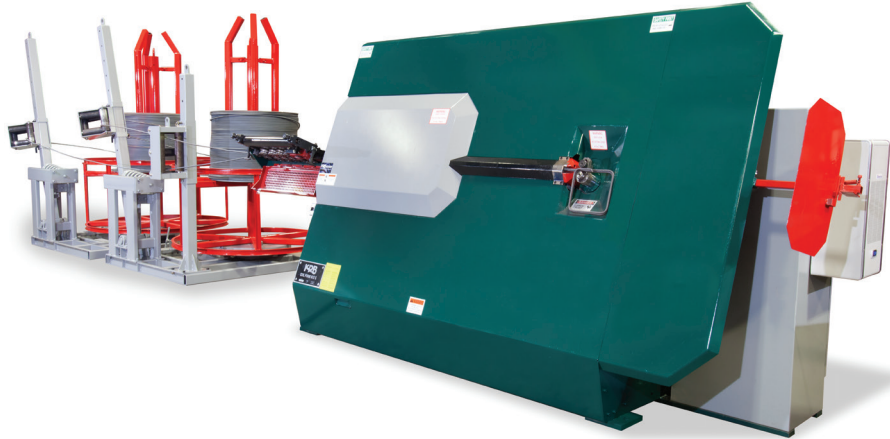
Optional ramps available.

Bender controls and foot switch positioned for photographic purposes only. The safest position of the control, foot pedal and operator would be behind the machine.

BENDER TABLES

KRB offers robust bender tables. Available in 3m - 10ft sections, these tables have two sections. The storage section allows you to store a bundle to be bent or discharge onto from a shearline. The operator then rolls bars onto the gravity rollers to easily move bars back and forth. This eliminates the need for several operators having to support the bar and reduces operator fatigue.





COIL FORM 613

613 CAPACITY CHART Grade 60 / 65kg/mm²

	IMPERIAL	METRIC
Single Coil Diameter	#2 - #4	6-13 mm
Dual Coil Diameter	#2 - #3	6 -10 mm
Feed Speed	430 ft/min	131 m/min
Bend Speed	1650°/sec	1650°/sec

Average Electric 4 kW/h

Air Pressure 90 PSI, 12 CFM, 5.5 BAR, 340 LPM

Weight 7,000 lbs, 3,175 kg



BAR FORM 616 3D

616 3D CAPACITY CHART Grade 60 / 65kg/mm²

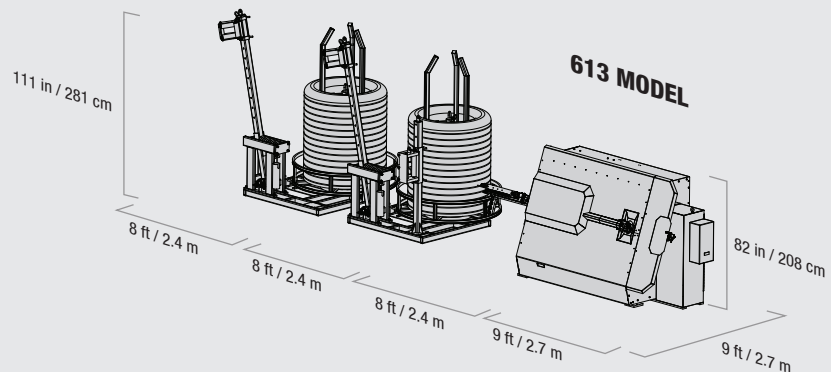
	IMPERIAL	METRIC
Single Bar Diameter	#2 - #5	6-16 mm
Dual Bar Diameter	#2- #4	6-12 mm
Feed Speed	430 ft/min	131 m/min
Bend Speed	1650°/sec	1650°/sec

Average Electric 6 kW/h

Air Pressure 90 PSI, 12 CFM, 6.2 BAR, 340 LPM

Weight 5,200 lbs, 2,358 kg

COIL FORM





Optional safety scanner available on all models.



BAR FORM 616

616 CAPACITY CHART Grade 60 / 65kg/mm²

	IMPERIAL	METRIC
Single Bar Diameter	#2 - #5	6-16 mm
Dual Bar Diameter	#2 - #4	6-12 mm
Feed Speed	430 ft/min	131 m/min
Bend Speed	1650°/sec	1650°/sec

Average Electric 6 kW/h

Air Pressure 90 PSI, 12 CFM, 6.2 BAR, 340 LPM

Weight 4,900 lbs, 2,222 kg



BAR FORM 1020

1020 CAPACITY CHART Grade 60 / 65kg/mm²

	IMPERIAL	METRIC
Single Bar Diameter	#3 - #6	10-20 mm
Dual Bar Diameter	#3 - #5	10-16 mm
Feed Speed	370 ft/min	112 m/min
Bend Speed	900°/sec	900°/sec

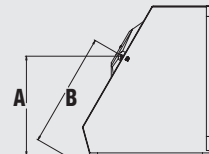
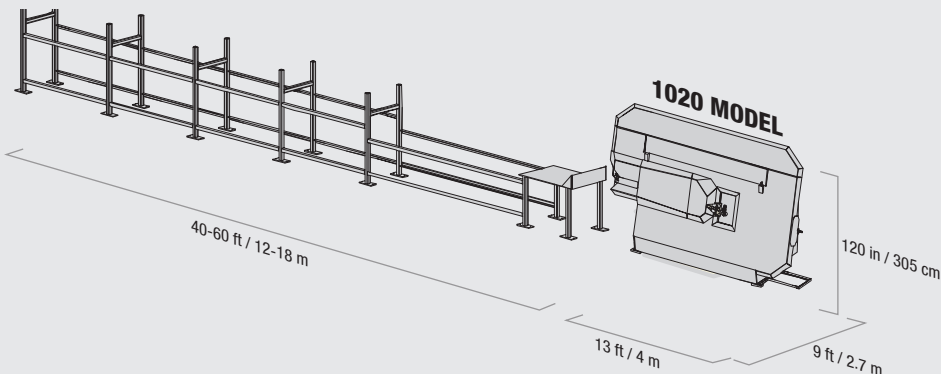
Average Electric 8 kW/h

Air Pressure 90 PSI, 12 CFM, 6.2 BAR, 340 LPM

Weight 12,000 lbs, 5,443 kg



BAR FORM



MODEL	A	B
1020	52.25 in - 133 cm	54 in - 137 cm
616	49 in - 125 cm	56.5 in - 143 cm
613	48 in - 122 cm	51 in - 129 cm

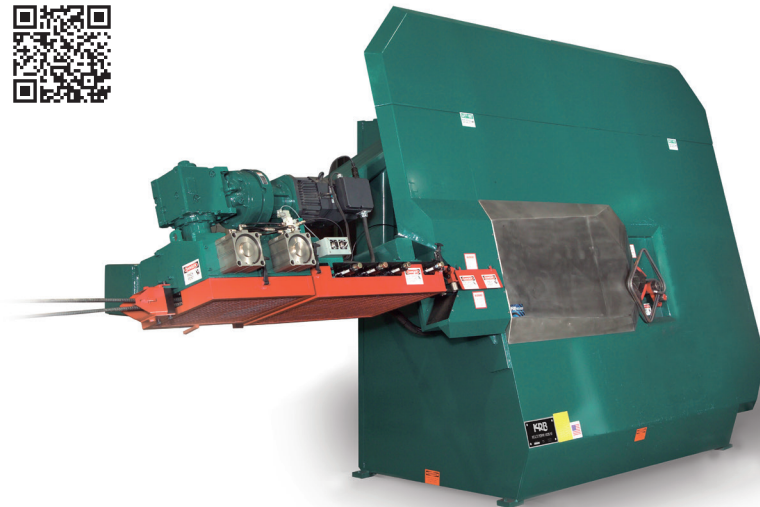


MULTI FORM 616

616 CAPACITY CHART Grade 60 / 65kg/mm²

	IMPERIAL	METRIC
Single Coil Diameter	#2 - #5	6-16 mm
Dual Coil Diameter	#2- #4	6-12 mm
Feed Speed	360 ft/min	110 m/min
Bend Speed	1207°/sec	1207°/sec

Average Electric 6 kW/h
Air Pressure 90 PSI, 12 CFM, 6.2 BAR, 340 LPM
Weight 8,400 lbs, 3,810 kg



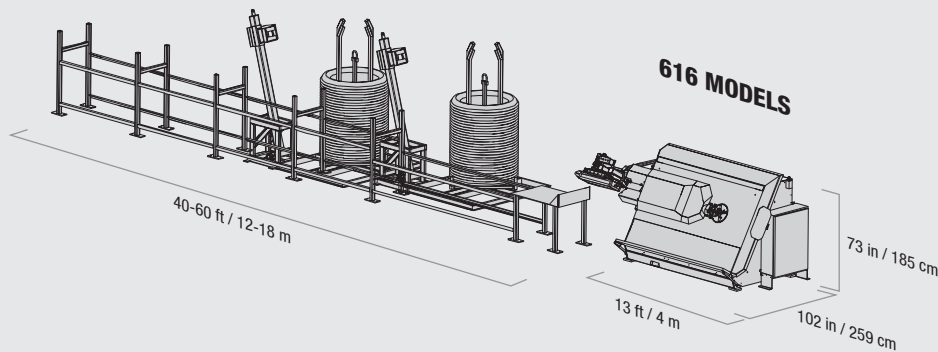
MULTI FORM 1020

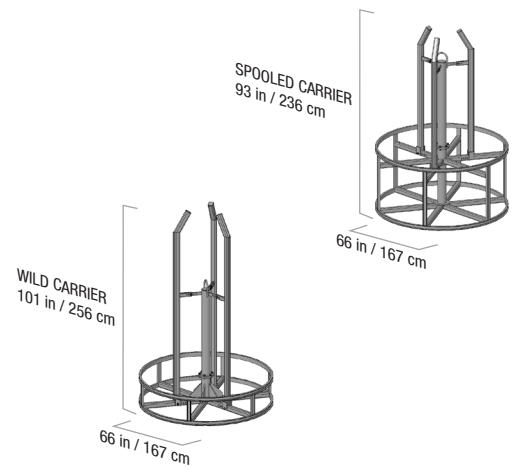
1020/1020ES CAPACITY CHART Grade 60 / 65kg/mm²

	IMPERIAL	METRIC
Single Coil Diameter	#3 - #6	10-20 mm
Dual Coil Diameter	#3 - #5	10-16 mm
Feed Speed	370 ft/min	112 m/min

Average Electric 8 kW/h
Air Pressure 90 PSI, 12 CFM, 6.2 BAR, 340 LPM
Weight 12,500 lbs, 5,669 kg

MULTI FORM





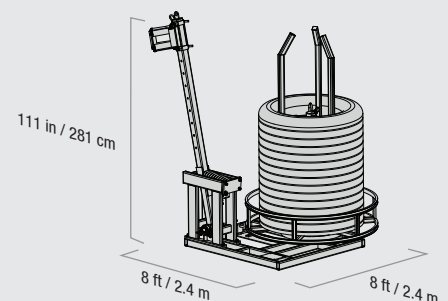
CRADLE AND CARRIER

7,000 lb - 3,175 kg capacity.

Adjustable guide rollers.

Heavy duty rubber bumper and welded frame.

Reinforced plates are welded to the carrier to reduce wear.





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CUTTING SYSTEMS

AUTO BAR BENDERS

TABLE BENDERS

STIRRUP BENDERS

MATERIAL HANDLING