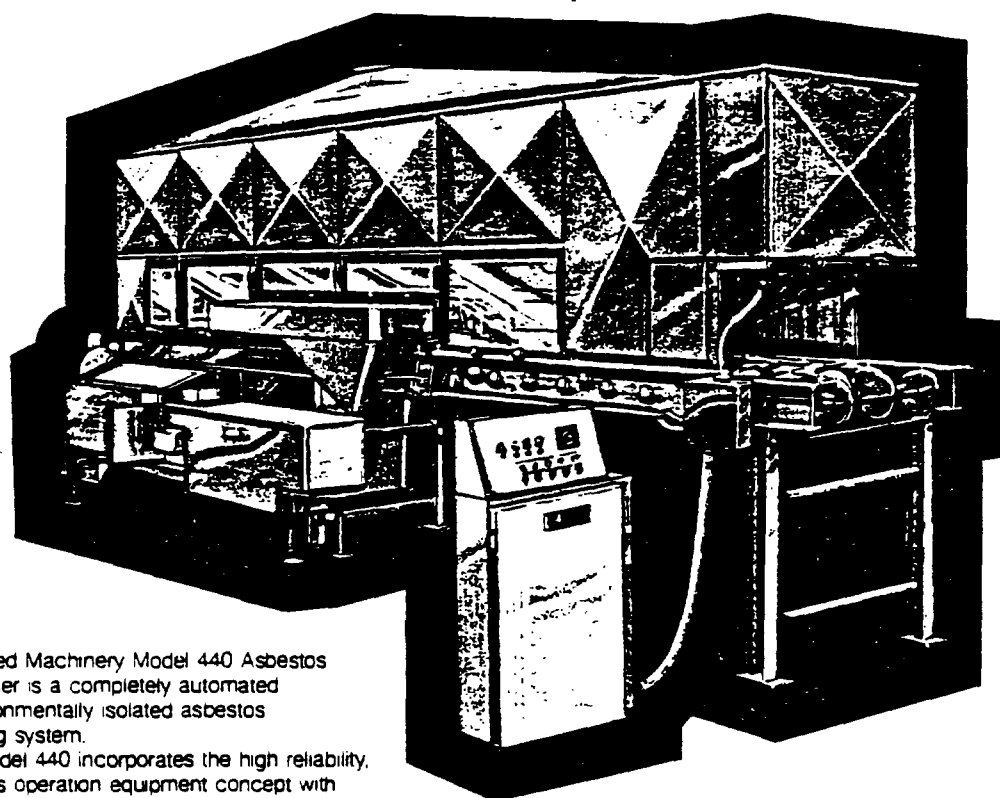


440 Asbestos Bag Opener



CertainTeed Machinery Model 440 Asbestos Bag Opener is a completely automated and environmentally isolated asbestos processing system.

The Model 440 incorporates the high reliability, continuous operation equipment concept with improved processing technology to reduce free air fibres.

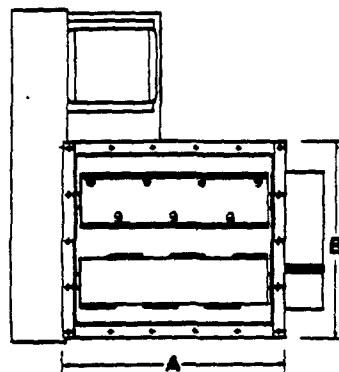
The Bag Opener will automatically process* (*cut, dump, compact, and fluff) all bag materials and sizes to a maximum rate of 80 bags per hour. No production adjustment is required.

Patent applied for

**CertainTeed
Machinery**

SGP 0021169

M-33



Model 4405 Shredder Technical Description

The optional fibre shredder provides a continuous uniform flow of asbestos to the mixer. The fluffing action is achieved by dumping the asbestos between the two (2) counter-rotating cylinders which are fitted with an array of spikes and bars rotating at 1160 RPM.

The cylinders are dual "V" belt driven by a 5 HP 230/460 60 HZ A/C motor. Each cylinder utilizes a flywheel principal to reduce the A/C power requirements. The cylinders are mounted and enclosed in a rigid frame weldment. Flywheels and belts are enclosed in a protective shroud.

Specifications

Electrical	230/460 VAC 5 H.P. Three Phase
Speed	1160 RPM
Shredders	Two counter rotating spiked cylinders. Belt Driven
Installation	Attaches below dump hopper on bag opener.
Physical	Length 36" Dim. A Width 24" Dim. B

NOTE Due to the vast range of conveyor configurations and installation variations, blowers & conveyors required to transfer asbestos or other materials from the bag opening machine to a mixer, loading conveyors to load the bag opener, exhaust & air filtration equipment, and a fibre shredding attachment are optional and available from CertainTeed Machinery Division.

Air Filtration

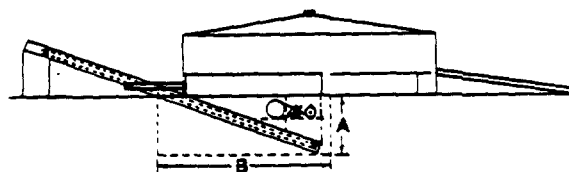
Duct ports are provided for connecting a vacuum source for dust collection.

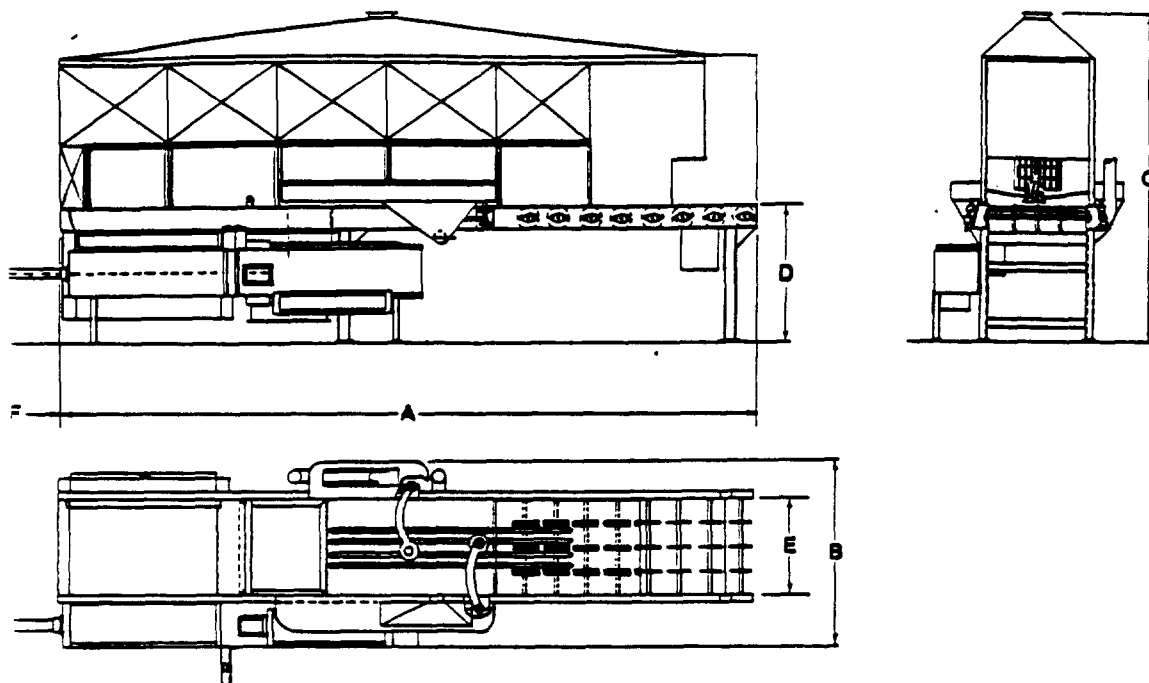
Excavation

Site excavation in the floor area below the dump hopper:

Depth 8' Dim. A
Length 13' Dim. B
Width 5'

This excavation is required for the shredder and take-away conveyor attachments.





Specifications

General Description

Internal carriage, pre-staging conveyor, and air cutters mounted to a rugged structural steel welded frame entirely enclosed by a sheet metal shroud. The shroud specifically designed to protect the operator from potential injury and reduce free air fibre from the work environment. Hinged "LEXAN" panels provide ease of entrance and continuous observation of the entire processing sequence. The internal carriage is driven by an optional A/C motor that is controlled by the remote control console. As the carriage plate contacts the staged weight (8) claws puncture and clinch the bag. The bag is then fed thru dual off-center mounted air driven pivotal rollers. Prior to entering the dump hopper, the bag is subjected to a hydraulic activated thumping action. This expedites separation of asbestos material from the bag. The asbestos falls in the fibre shredder for fibre breaking (fluff). The carriage deposits the empty bag into the compactor. The empty bag is compacted and periodically ejected into a separate plastic bag for disposal by the operator. The remote control console features a NEMA 12 enclosure, 30 AMP disconnect, manual over-ride mode, integral bag count indicator.

Capacity	Will cut varying mixed sizes of compressed & loose-fill bags to a maximum width of 32". No adjustments necessary.	
	Bag Size	46" L X 25" W X 8" H 26" L X 16" W X 8" H
	Bag Wrappers	Plastic/Paper/Polywoven
	Bag Weight (No Limit)	100 lb. (45.36 Kg.) 110 lb. (50 Kg.)
Bag Opening Rate	Automatic Open/dump/fluff/eject & compact empty wrapper. Approximately 45 seconds per bag or 80 bags per hour. Manual Over-Ride Allows operator to process a bag and clear the machine in the event of a component failure.	
Bag Disposal	Empty wrappers are compacted into a baler & discharged into a single plastic bag for disposal. 6 to 8 hour accumulation, each dump cycle. Bale Size: 14" X 14" X 47"	
Physical (Excluding Conveyors)	Length	19' Dim. A 44 1/2" Dim. D
	Width	52" Dim. B 32" Dim. E
	Height	89" Dim. C 66" Dim. F
	Weight	Approximately 12,000 lbs. (with shredder)
Electrical	Push Button Control Console	30 AMP Disconnect Mechanism. Includes a bag count indicator.
	Standard Hydraulic Unit	230/460 VAC 15 H.P. Three Phase
	Carriage Drive	230/460 VAC 1/2 H.P. Three Phase
Pneumatic	Pressure Main Connection	80 PSI
	Cutter Motors	2800 RPM
Cutter Blades	Material	Fiber Abrasive
	Size	1/16" X 6" Diameter
	Features	No Sharpening Replaceable
Dust Counts*	Measurements over time waited period.	
	Lowest	Highest
	* 10 Fibres per cubic centimeter of air.	* 16 Fibres per cubic centimeter of air

Direct all inquiries to:
CertainTeed Corporation

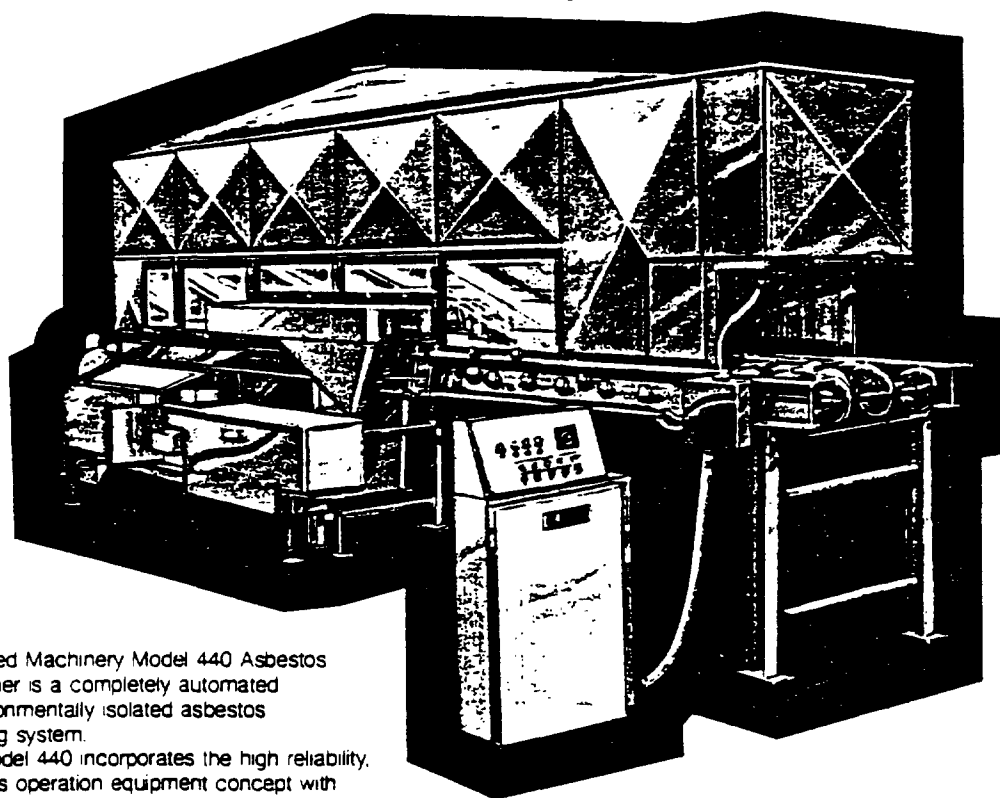
5501 N. 119th Street West, Omaha, KS 68101
(316) 722-2811 TWX 910-741-6823

*Plant measurements may vary according to the individual installation configuration.

SGP 0021171

U.S. 100 USA

440 Asbestos Bag Opener



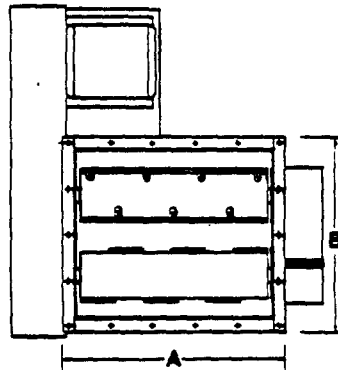
CertainTeed Machinery Model 440 Asbestos Bag Opener is a completely automated and environmentally isolated asbestos processing system.

The Model 440 incorporates the high reliability, continuous operation equipment concept with improved processing technology to reduce free air fibres.

The Bag Opener will automatically process* ("cut, dump, compact, and fluff") all bag materials and sizes to a maximum rate of 80 bags per hour. No production adjustment is required.

Patent applied for

**CertainTeed
Machinery**



Model 4405 Shredder Technical Description

The optional fibre shredder provides a continuous uniform flow of asbestos to the mixer. The fluffing action is achieved by dumping the asbestos between the two (2) counter-rotating cylinders which are fitted with an array of spikes and bars rotating at 1160 RPM.

The cylinders are dual "V" belt driven by a 5 HP 230/460 60 HZ A/C motor. Each cylinder utilizes a flywheel principal to reduce the A/C power requirements. The cylinders are mounted and enclosed in a rigid frame weldment. Flywheels and belts are enclosed in a protective shroud.

Specifications

Electrical	230/460 VAC 5 H.P. Three Phase
Speed	1160 RPM
Shredders	Two counter rotating spiked cylinders. Belt Driven
Installation	Attaches below dump hopper on bag opener.
Physical	Length 36" Dim. A Width 24" Dim. B

NOTE Due to the vast range of conveyor configurations and installation variations, blowers & conveyors required to transfer asbestos or other materials from the bag opening machine to a mixer loading conveyors to load the bag opener, exhaust & air filtration equipment, and a fibre shredding attachment are optional and available from CertainTeed Machinery Division.

Air Filtration

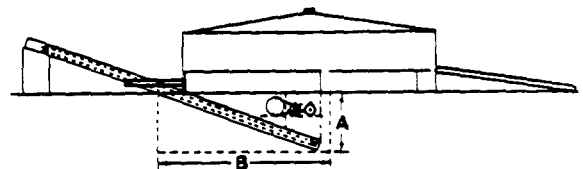
Duct ports are provided for connecting a vacuum source for dust collection.

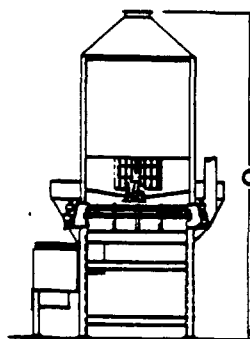
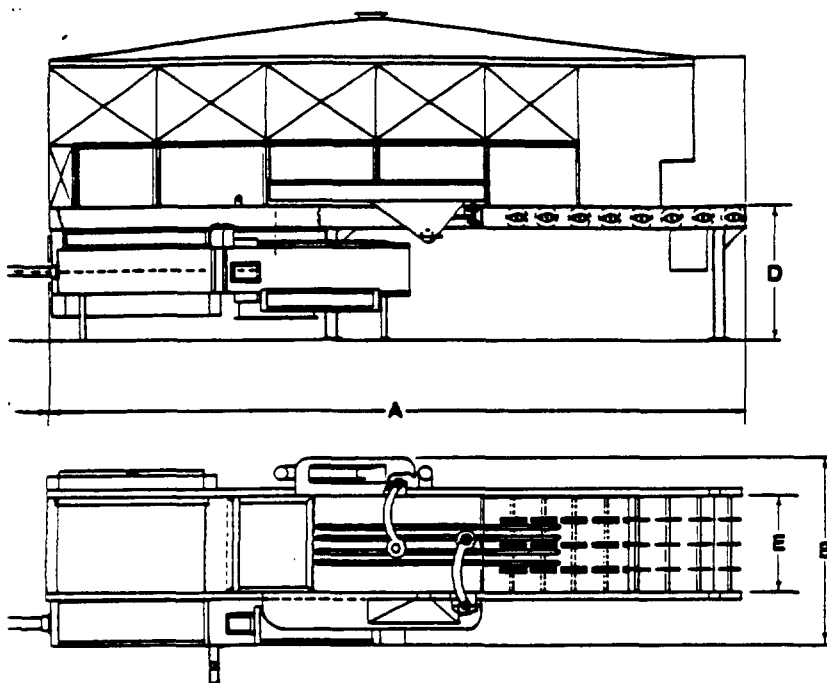
Excavation

Site excavation in the floor area below the dump hopper

Depth 8" Dim. A
Length 13' Dim. B
Width 5'

This excavation is required for the shredder and take-away conveyor attachments.





1/10/01

Specifications

Capacity	Will cut varying mixed sizes of compressed & loose-fill bags to a maximum width of 32". No adjustments necessary.		
	Bag Size	46"L X 25"W X 8"H 26"L X 16"W X 8"H	
	Bag Wrappers	Plastic/Paper/Polywoven	
	Bag Weight (No Limit)	100 lb. (45.36 Kg.) 110 lb. (50 Kg.)	
Bag Opening Rate	Automatic Open/dump/flush/eject & compact empty wrapper. Approximately 45 seconds per bag or 80 bags per hour. Manual Over-Ride Allows operator to process a bag and clear the machine in the event of a component failure.		
Bag Disposal	Empty wrappers are compacted into a bale & discharged into a single plastic bag for disposal. 6 to 8 hour accumulation, each dump cycle. Bale Size: 14" X 14" X 47"		
Physical (Excluding Conveyors)	Length	19' Dim. A	44 1/2" Dim. D
	Width	52" Dim. B	32" Dim. E
	Height	8'9" Dim. C	66" Dim. F
	Weight	Approximately 12,000 lbs. (with shredder)	
Electrical	Push Button Control Console	30 AMP Disconnect Mechanism. Includes a bag count indicator.	
	Standard Hydraulic Unit	230/460 VAC 15 H.P. Three Phase	
	Carnage Drive	230/460 VAC 1/2 H.P. Three Phase	
Pneumatic	Pressure Main Connection	80 PSI	
	Cutter Motors	2800 RPM	
Cutter Blades	Material	Fiber Abrasive	
	Size	1/16" X 6" Diameter	
	Features	No Sharpening Replaceable	
Dust Counts*	Measurements over time waited period.		
	Lowest		Highest
	* 10 Fibres per cubic centimeter of air.		* 16 Fibres per cubic centimeter of air

Direct all inquiries to:
CertainTeed Corporation

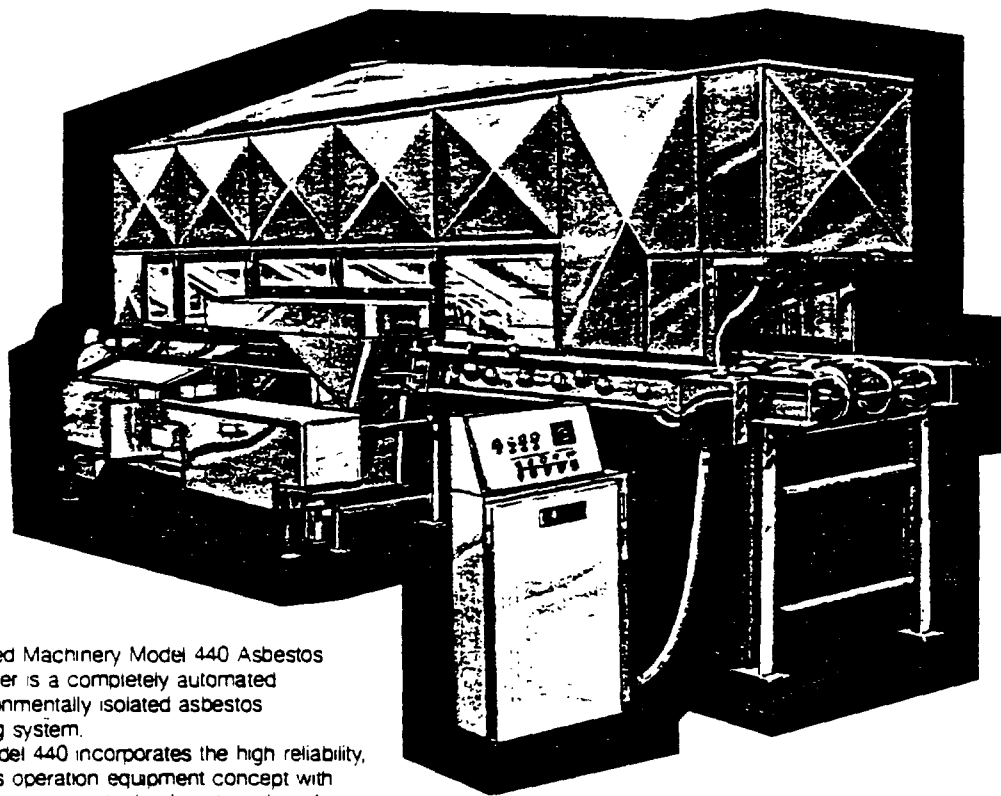
5501 N. 119th Street West Maize, KS 67101
(316) 722-2811 TWX 910-741-6823

*Plant measurements may vary according to the individual installation configuration.

SGP 0021174

Line USA

440 Asbestos Bag Opener



CertainTeed Machinery Model 440 Asbestos Bag Opener is a completely automated and environmentally isolated asbestos processing system.

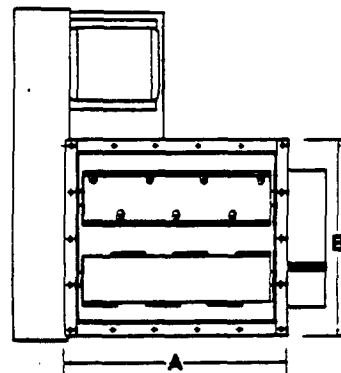
The Model 440 incorporates the high reliability, continuous operation equipment concept with improved processing technology to reduce free air fibres.

The Bag Opener will automatically process* (*cut, dump, compact, and fluff) all bag materials and sizes to a maximum rate of 80 bags per hour. No production adjustment is required.

Patent applied for

**CertainTeed
Machinery**

SGP 0021175



Model 4405 Shredder Technical Description

The optional fibre shredder provides a continuous uniform flow of asbestos to the mixer. The fluffing action is achieved by dumping the asbestos between the two (2) counter-rotating cylinders which are fitted with an array of spikes and bars rotating at 1160 RPM.

The cylinders are dual "V" belt driven by a 5 HP 230/460 60 HZ A/C motor. Each cylinder utilizes a flywheel principal to reduce the A/C power requirements. The cylinders are mounted and enclosed in a rigid frame weldment. Flywheels and belts are enclosed in a protective shroud.

Specifications

Electrical	230/460 VAC 5 H.P. Three Phase
Speed	1160 RPM
Shredders	Two counter rotating spiked cylinders. Belt Driven
Installation	Attaches below dump hopper on bag opener.
Physical	Length 36" Dim. A Width 24" Dim. B

NOTE: Due to the vast range of conveyor configurations and installation variations, blowers & conveyors required to transfer asbestos or other materials from the bag opening machine to a mixer, loading conveyors to load the bag opener, exhaust & air filtration equipment, and a fibre shredding attachment are optional and available from CertainTeed Machinery Division.

Air Filtration

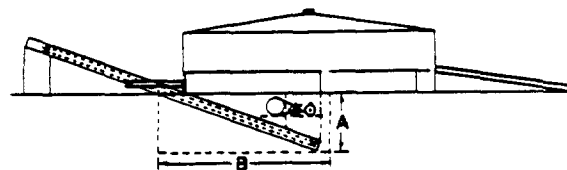
Duct ports are provided for connecting a vacuum source for dust collection.

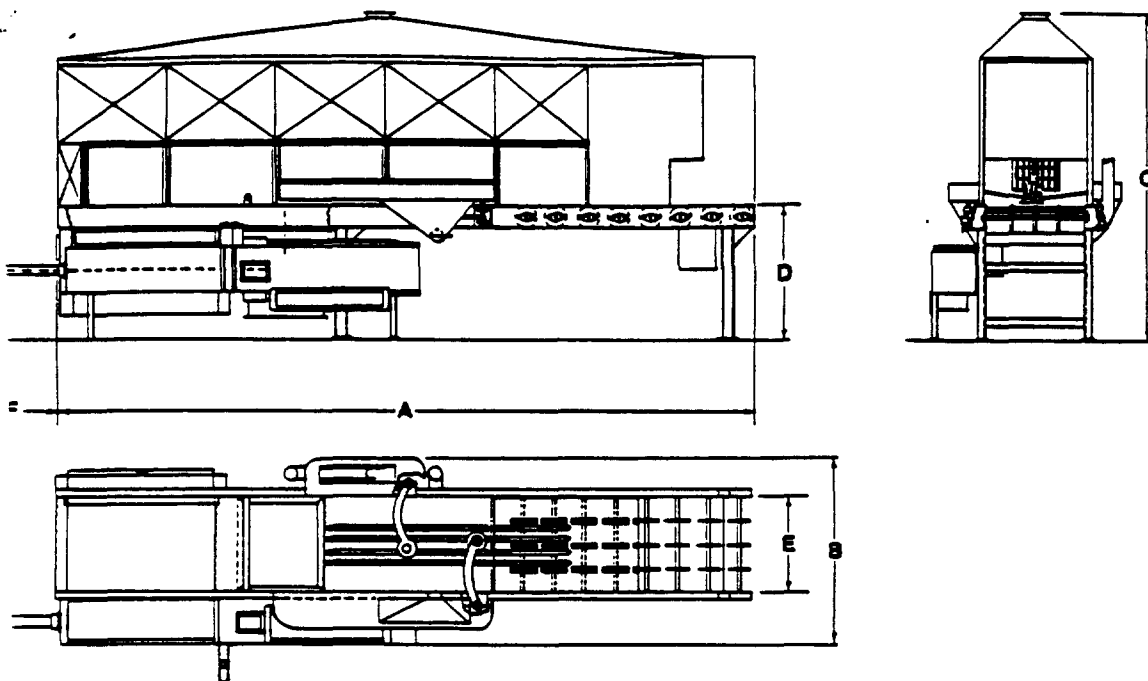
Excavation

Site excavation in the floor area below the dump hopper:

Depth 8" Dim. A
Length 13" Dim. B
Width 5"

This excavation is required for the shredder and take-away conveyor attachments.





Specifications

Capacity	Will cut varying mixed sizes of compressed & loose-fill bags to a maximum width of 32". No adjustments necessary.	
	Bag Size	46" L X 25" W X 8" H 26" L X 16" W X 8" H
	Bag Wrappers	Plastic/Paper/Polywoven
	Bag Weight (No Limit)	100 lb. (45.36 Kg.) 110 lb. (50 Kg.)
Bag Opening Rate	Automatic Open/dump/bluff/eject & compact empty wrapper. Approximately 45 seconds per bag or 80 bags per hour. Manual Over-Ride Allows operator to process a bag and clear the machine in the event of a component failure.	
Bag Disposal	Empty wrappers are compacted into a baler & discharged into a single plastic bag for disposal. 6 to 8 hour accumulation, each dump cycle. Bale Size: 14" X 14" X 47".	
Physical (Excluding Conveyors)	Length	19' Dim. A
	Width	52" Dim. B
	Height	89" Dim. C
	Weight	Approximately 12,000 lbs. (with shredder)
Electrical	Push Button Control Console	30 AMP Disconnect Mechanism. Includes a bag count indicator.
	Standard Hydraulic Unit	230/460 VAC 15 H.P. Three Phase
	Carriage Drive	230/460 VAC 1/2 H.P. Three Phase
Pneumatic	Pressure Main Connection	80 PSI
	Cutter Motors	2800 RPM
Cutter Blades	Material	Fiber Abrasive
	Size	1/16" X 6" Diameter
	Features	No Sharpening Replaceable
Dust Counts*	Measurements over time waited period.	
	Lowest	Highest
	* 10 Fibres per cubic centimeter of air.	* 16 Fibres per cubic centimeter of air.

How Description

Internal carriage, pre-staging conveyor, and air cutters mounted to a rugged structural steel welded frame entirely enclosed by a sheet metal shroud. The shroud specifically designed to protect the operator from potential injury and reduce free air fibre from the work environment. Hinged "LEXAN" panels provide ease of entrance and continuous observation of the entire processing sequence. The internal carriage is driven by an optional A/C motor that is controlled by the remote control console. As the carriage plate contacts the staged bag, eight (8) claws puncture and clinch the bag. The bag is then fed thru dual off-center mounted air driven pivotal rollers. Prior to entering the dump hopper, the bag is subjected to a hydraulic activated thumping action. This expedites separation of asbestos material from the bag. The asbestos falls in the fibre shredder for fibre shredding (fluff). The internal carriage deposits the empty bag into the compactor. The empty bag is compacted and periodically ejected into a separate plastic bag for disposal by the operator. The remote control console features a NEMA 12 enclosure, 30 AMP disconnect, manual over-ride mode, and integral bag count indicator.

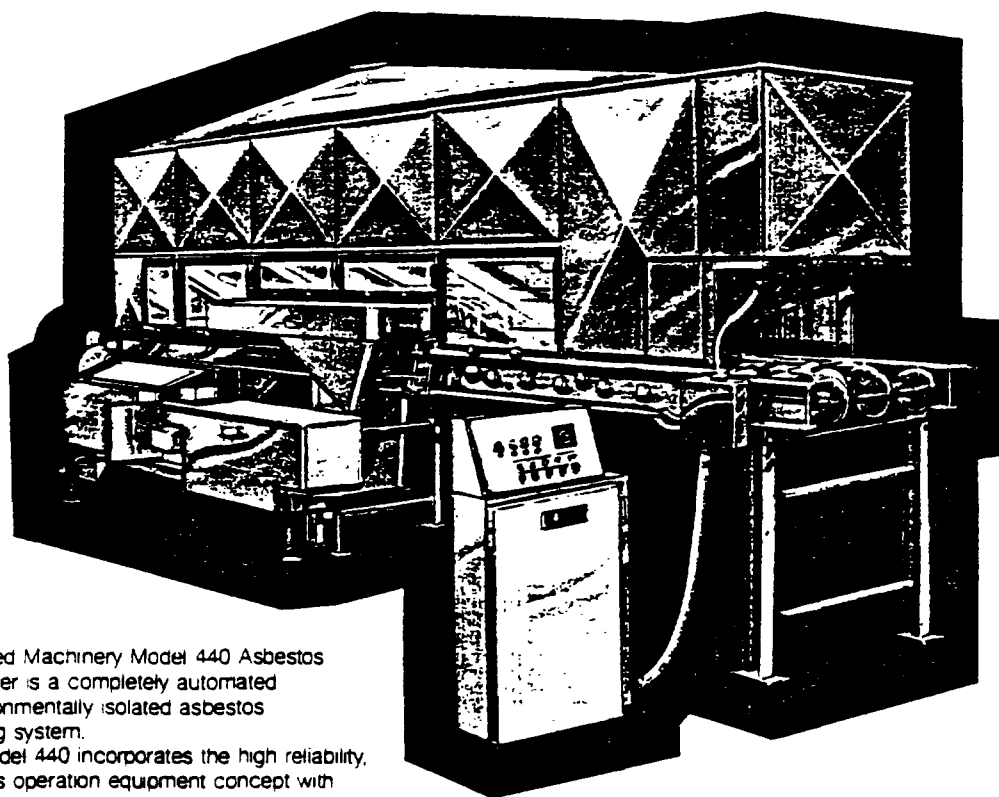
Direct all inquiries to:
CertainTeed Corporation

5501 N. 119th Street West, Maize, KS 67101
(316) 722-2811 TWX 910-741-6823

*Plant measurements may vary according to the individual installation configuration.

SGP 0021177

Line USA



CertainTeed Machinery Model 440 Asbestos Bag Opener is a completely automated and environmentally isolated asbestos processing system.

The Model 440 incorporates the high reliability, continuous operation equipment concept with improved processing technology to reduce free air fibres.

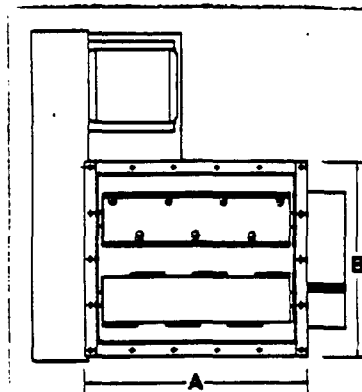
The Bag Opener will automatically process* (*cut, dump, compact, and fluff) all bag materials and sizes to a maximum rate of 80 bags per hour. No production adjustment is required.

Patent applied for

**CertainTeed
Machinery**

440 Asbestos Bag Opener

SGP 0021178



Model 4405 Shredder Technical Description

The optional fibre shredder provides a continuous uniform flow of asbestos to the mixer. The fluffing action is achieved by dumping the asbestos between the two (2) counter-rotating cylinders which are fitted with an array of spikes and bars rotating at 1160 RPM.

The cylinders are dual "V" belt driven by a 5 HP 230/460 60 HZ A/C motor. Each cylinder utilizes a flywheel principal to reduce the A/C power requirements. The cylinders are mounted and enclosed in a rigid frame weldment. Flywheels and belts are enclosed in a protective shroud.

Specifications

Electrical	230/460 VAC 5 H.P. Three Phase
Speed	1160 RPM
Shredders	Two counter rotating spiked cylinders. Belt Driven
Installation	Attaches below dump hopper on bag opener.
Physical	Length 36" Dim. A Width 24" Dim. B

NOTE: Due to the vast range of conveyor configurations and installation variations, blowers & conveyors required to transfer asbestos or other materials from the bag opening machine to a mixer, loading conveyors to load the bag opener, exhaust & air filtration equipment, and a fibre shredding attachment are optional and available from CertainTeed Machinery Division.

Air Filtration

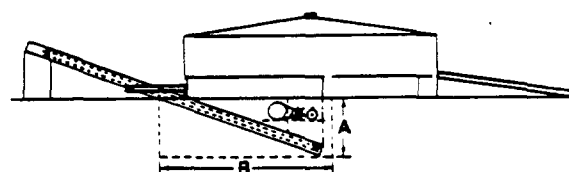
Duct ports are provided for connecting a vacuum source for dust collection.

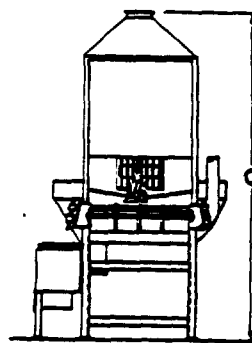
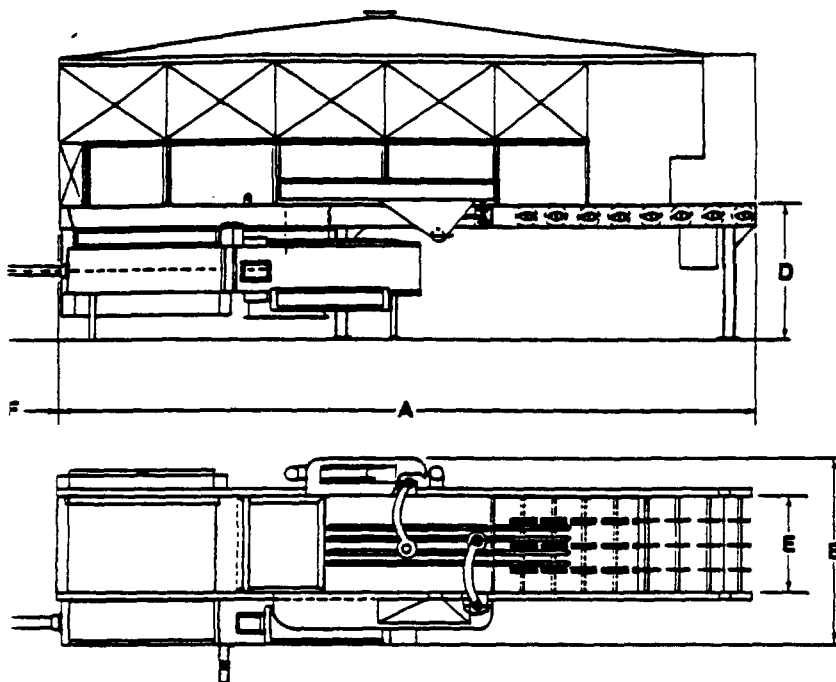
Foundation

Site excavation in the floor area below the dump hopper

Depth 8" Dim A
Length 13" Dim B
Width 5"

This excavation is required for the shredder and take-away conveyor attachments.





NOVA

Specifications

General Description

Internal carriage, pre-staging conveyor, and air cutters mounted to a rugged structural steel welded frame entirely enclosed by a sheet metal shroud. The shroud is specifically designed to protect the operator from potential injury and reduce free air fibre from the work environment. Hinged "LEXAN" panels provide ease of entrance and continuous observation of the entire bagging sequence. The internal carriage is driven by an electric A/C motor that is controlled by the remote control console. As the carriage plate contacts the staged bag, eight (8) claws puncture and clinch the bag. The bag is then fed thru dual off-center mounted air driven pivotal rollers. Prior to entering the dump hopper, the bag is subjected to a hydraulic activated thumping action. This expedites separation of asbestos material from the bag. The bag then falls in the fibre shredder for fibre breaking (fluff). The carriage deposits the empty bag into the compactor. The empty bag is compacted and periodically ejected into a separate plastic bag for disposal by the operator. The remote control console features a NEMA 12 enclosure, 30 AMP disconnect, manual over-ride mode, and integral bag count indicator.

Capacity	Will cut varying mixed sizes of compressed & loose-fill bags to a maximum width of 32". No adjustments necessary.	
	Bag Size	46" L X 25" W X 8" H 26" L X 16" W X 8" H
	Bag Wrappers	Plastic/Paper/Polywoven
	Bag Weight (No Limit)	100 lb. (45.36 Kg.) 110 lb. (50 Kg.)
Bag Opening Rate	Automatic Open/dump/fluff/eject & compact empty wrapper. Approximately 45 seconds per bag or 80 bags per hour. Manual Over-Ride Allows operator to process a bag and clear the machine in the event of a component failure.	
Bag Disposal	Empty wrappers are compacted into a baler & discharged into a single plastic bag for disposal. 6 to 8 hour accumulation, each dump cycle. Bale Size: 14" X 14" X 47".	
Physical (Excluding Conveyors)	Length	19' Dim. A
	Width	52" Dim. B
	Height	8'9" Dim. C
	Weight	Approximately 12,000 lbs. (with shredder)
Electrical	Push Button Control Console	30 AMP Disconnect Mechanism. Includes a bag count indicator.
	Standard Hydraulic Unit	230/460 VAC 15 H.P. Three Phase
	Carriage Drive	230/460 VAC ¼ H.P. Three Phase
Pneumatic	Pressure Main Connection	80 PSI
	Cutter Motors	2800 RPM
Cutter Blades	Material	Fiber Abrasive
	Size	1/16" X 6" Diameter
	Features	No Sharpening Replaceable
Dust Counts*	Measurements over time waited period.	
	Lowest	Highest
	* 10 Fibres per cubic centimeter of air.	* 16 Fibres per cubic centimeter of air.

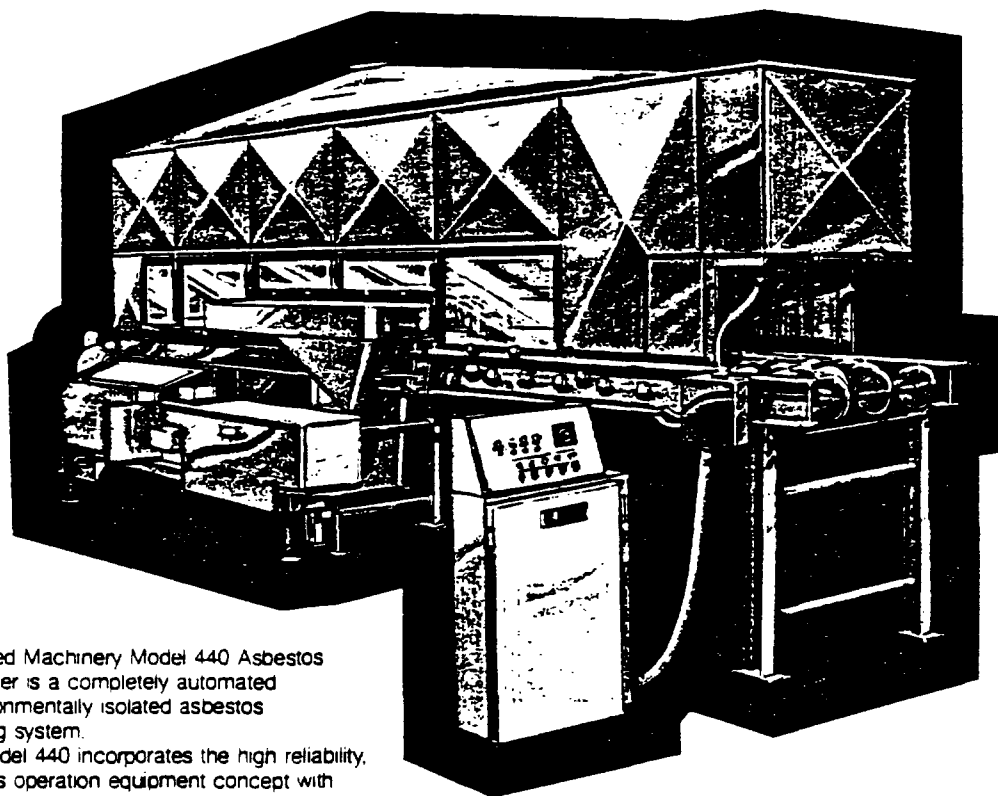
Direct all inquiries to:
CertainTeed Corporation

5501 N 119th Street West, Maize, KS 67101
(316) 722-2811 TWX 910-741-6823

*Plant measurements may vary according to the individual installation configuration.

Line USA

SGP 0021180



CertainTeed Machinery Model 440 Asbestos Bag Opener is a completely automated and environmentally isolated asbestos processing system.

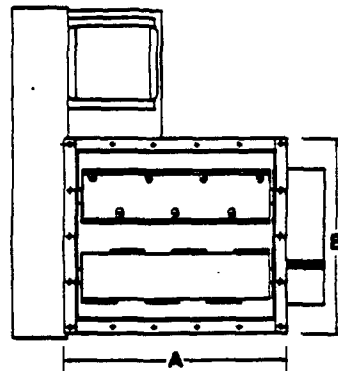
The Model 440 incorporates the high reliability, continuous operation equipment concept with improved processing technology to reduce free air fibres.

The Bag Opener will automatically process* (*cut, dump, compact, and fluff) all bag materials and sizes to a maximum rate of 80 bags per hour. No production adjustment is required.

Patent applied for

**CertainTeed
Machinery**

440 Asbestos Bag Opener



Model 4405 Shredder Technical Description

The optional fibre shredder provides a continuous uniform flow of asbestos to the mixer. The fluffing action is achieved by dumping the asbestos between the two (2) counter-rotating cylinders which are fitted with an array of spikes and bars rotating at 1160 RPM.

The cylinders are dual "V" belt driven by a 5 HP 230/460 60 HZ A/C motor. Each cylinder utilizes a flywheel principal to reduce the A/C power requirements. The cylinders are mounted and enclosed in a rigid frame weldment. Flywheels and belts are enclosed in a protective shroud.

Specifications

Electrical	230/460 VAC 5 H.P. Three Phase
Speed	1160 RPM
Shredders	Two counter rotating spiked cylinders. Belt Driven
Installation	Attaches below dump hopper on bag opener.
Physical	Length 36" Dim. A Width 24" Dim. B

NOTE Due to the vast range of conveyor configurations and installation variations, blowers & conveyors required to transfer asbestos or other materials from the bag opening machine to a mixer loading conveyors to load the bag opener, exhaust & air filtration equipment, and a fibre shredding attachment are optional and available from CertanTeed Machinery Division.

Air Filtration

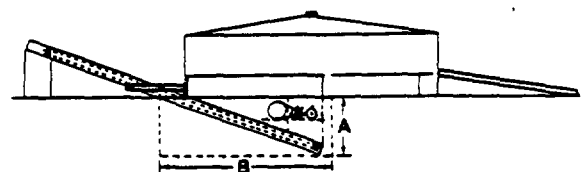
Duct ports are provided for connecting a vacuum source for dust collection.

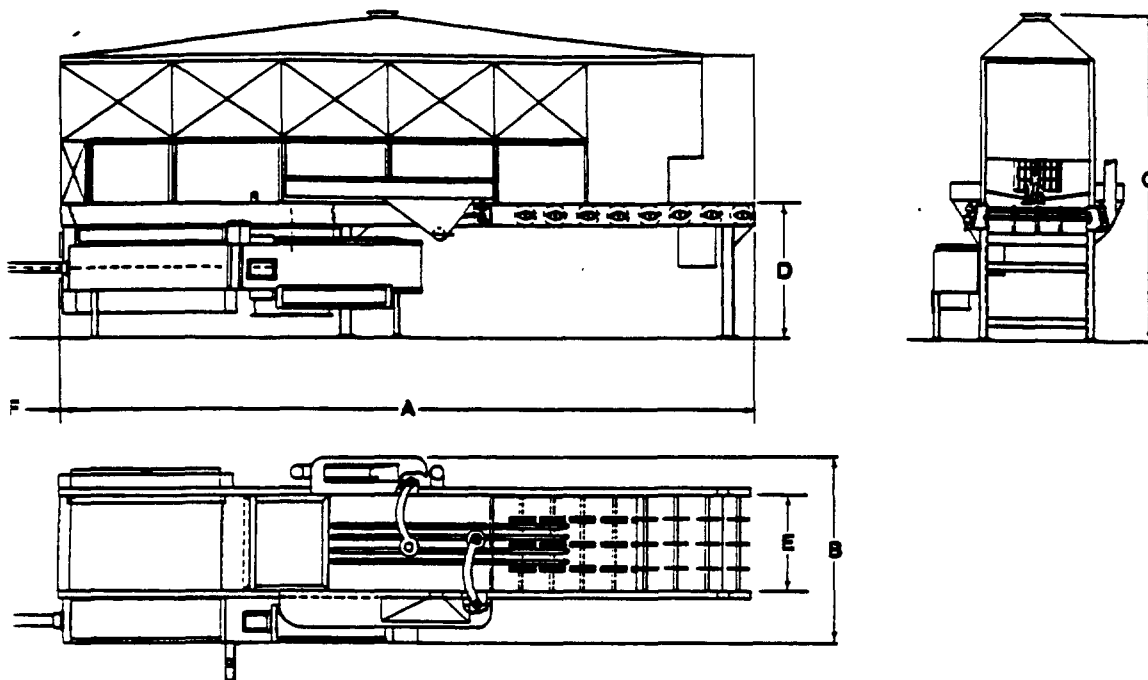
Excavation

Site excavation in the floor area below the dump hopper

Depth 8" Dim A
Length 13" Dim B
Width 5"

This excavation is required for the shredder and take-away conveyor attachments.





NOV 1981

Specifications

Capacity	Will cut varying mixed sizes of compressed & loose-fill bags to a maximum width of 32". No adjustments necessary.	
	Bag Size	46" L X 25" W X 8" H 25" L X 16" W X 8" H
	Bag Wrappers	Plastic/Paper/Polywoven
	Bag Weight (No Limit)	100 lb. (45.36 Kg.) 110 lb. (50 Kg.)
Bag Opening Rate	Automatic Open/dump/fluff/eject & compact empty wrapper. Approximately 45 seconds per bag or 80 bags per hour. Manual Over-Ride Allows operator to process a bag and clear the machine in the event of a component failure.	
Bag Disposal	Empty wrappers are compacted into a baler & discharged into a single plastic bag for disposal. 6 to 8 hour accumulation, each dump cycle. Bale Size: 14" X 14" X 47".	
Physical (Excluding Conveyors)	Length Width Height Weight	19' Dim. A 5'2" Dim. B 8'9" Dim. C Approximately 12,000 lbs. (with shredder)
Electrical	Push Button Control Console	30 AMP Disconnect Mechanism. Includes a bag count indicator.
	Standard Hydraulic Unit	230/460 VAC 15 H.P. Three Phase
	Carriage Drive	230/460 VAC ¾ H.P. Three Phase
Pneumatic	Pressure Main Connection	80 PSI
	Cutter Motors	2800 RPM
Cutter Blades	Material	Fiber Abrasive
	Size	1/16" X 6" Diameter
	Features	No Sharpening Replaceable
Dust Counts*	Measurements over time waited period.	
	Lowest	Highest
	* 10 Fibres per cubic centimeter of air.	* 16 Fibres per cubic centimeter of air.

*Plant measurements may vary according to the individual installation configuration.

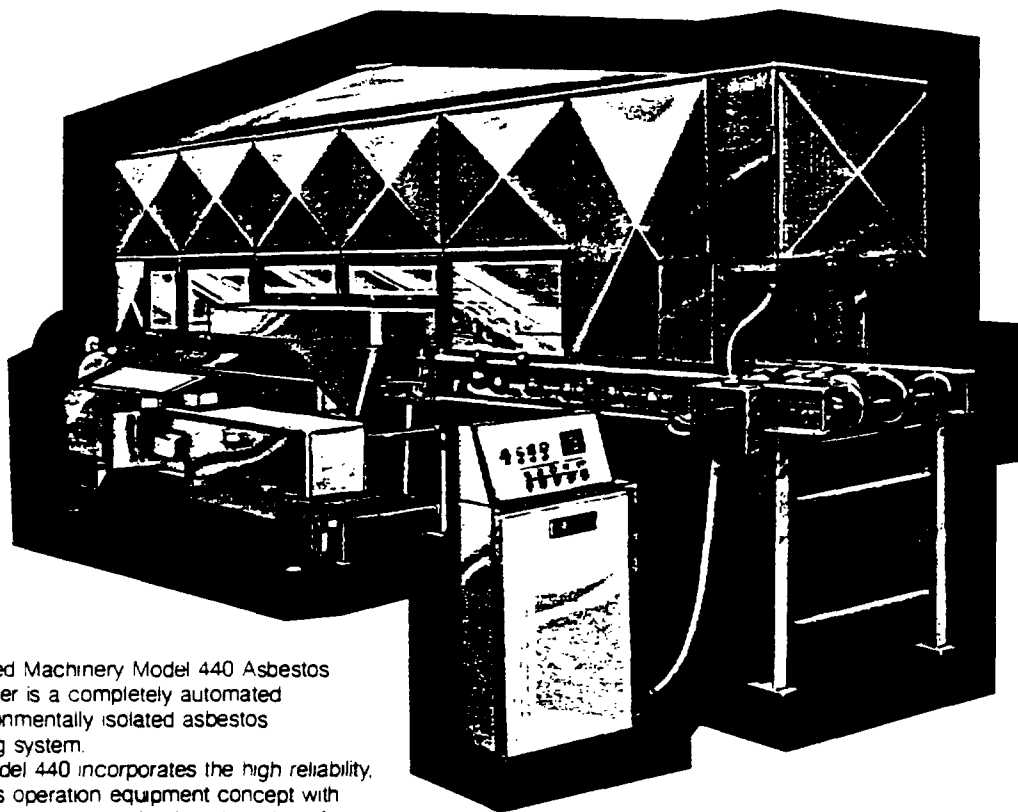
Line USA

Machine Description

Internal carriage, pre-staging conveyor, and air cutters mounted to a rugged structural steel welded frame completely enclosed by a sheet metal shroud. The shroud specifically designed to protect the operator from potential injury and reduce free air fibre from the work environment. Hinged "LEXAN" panels provide ease of entrance and continuous observation of the entire processing sequence. The internal carriage is driven by an electric A/C motor that is controlled by the remote control console. As the carriage plate contacts the staged bag, eight (8) claws puncture and clinch the bag. The bag is then fed thru dual off-center mounted air driven pivotal rollers. Prior to entering the dump hopper, the bag is subjected to a hydraulic activated thumping action. This expedites separation of asbestos material from the bag. The asbestos falls in the fibre shredder for fibre shredding (fluff). The carriage deposits the empty bag into the compactor. The empty bag is compacted and periodically ejected into a separate plastic bag for disposal by the operator. The remote control console features a NEMA 12 enclosure, 30 AMP disconnect, manual over-ride mode, and a bag count indicator.

Direct all inquiries to:
CertainTeed Corporation

5501 N. 119th Street West, Maize, KS 67101
(316) 722-2811 TWX 910-741-6823



CertainTeed Machinery Model 440 Asbestos Bag Opener is a completely automated and environmentally isolated asbestos processing system.

The Model 440 incorporates the high reliability, continuous operation equipment concept with improved processing technology to reduce free air fibres.

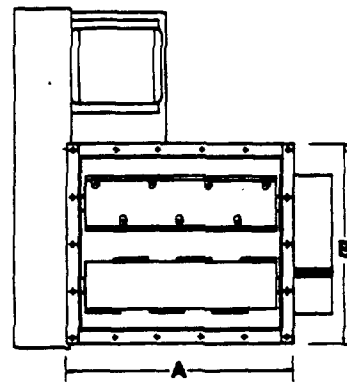
The Bag Opener will automatically process* (*cut, dump, compact, and fluff) all bag materials and sizes to a maximum rate of 80 bags per hour. No production adjustment is required.

Patent applied for

**CertainTeed
Machinery**

440 Asbestos Bag Opener

SGP 0021184



Model 4405 Shredder Technical Description

The optional fibre shredder provides a continuous uniform flow of asbestos to the mixer. The fluffing action is achieved by dumping the asbestos between the two (2) counter-rotating cylinders which are fitted with an array of spikes and bars rotating at 1160 RPM.

The cylinders are dual "V" belt driven by a 5 HP 230/460 60 HZ A/C motor. Each cylinder utilizes a flywheel principal to reduce the A/C power requirements. The cylinders are mounted and enclosed in a rigid frame weldment. Flywheels and belts are enclosed in a protective shroud.

Specifications

Electrical	230/460 VAC 5 H.P. Three Phase
Speed	1160 RPM
Shredders	Two counter rotating spiked cylinders. Belt Driven
Installation	Attaches below dump hopper on bag opener.
Physical	Length 36" Dim. A Width 24" Dim. B

NOTE: Due to the vast range of conveyor configurations and installation variations, blowers & conveyors required to transfer asbestos or other materials from the bag opening machine to a mixer, loading conveyors to load the bag opener, exhaust & air filtration equipment, and a fibre shredding attachment are optional and available from CertainTeed Machinery Division.

Fig. 5-10-1

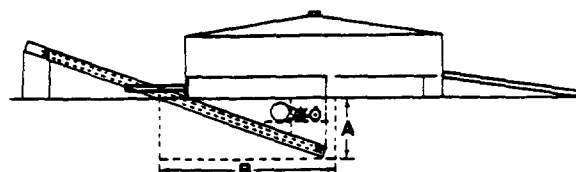
Duct ports are provided for connecting a vacuum source for dust collection.

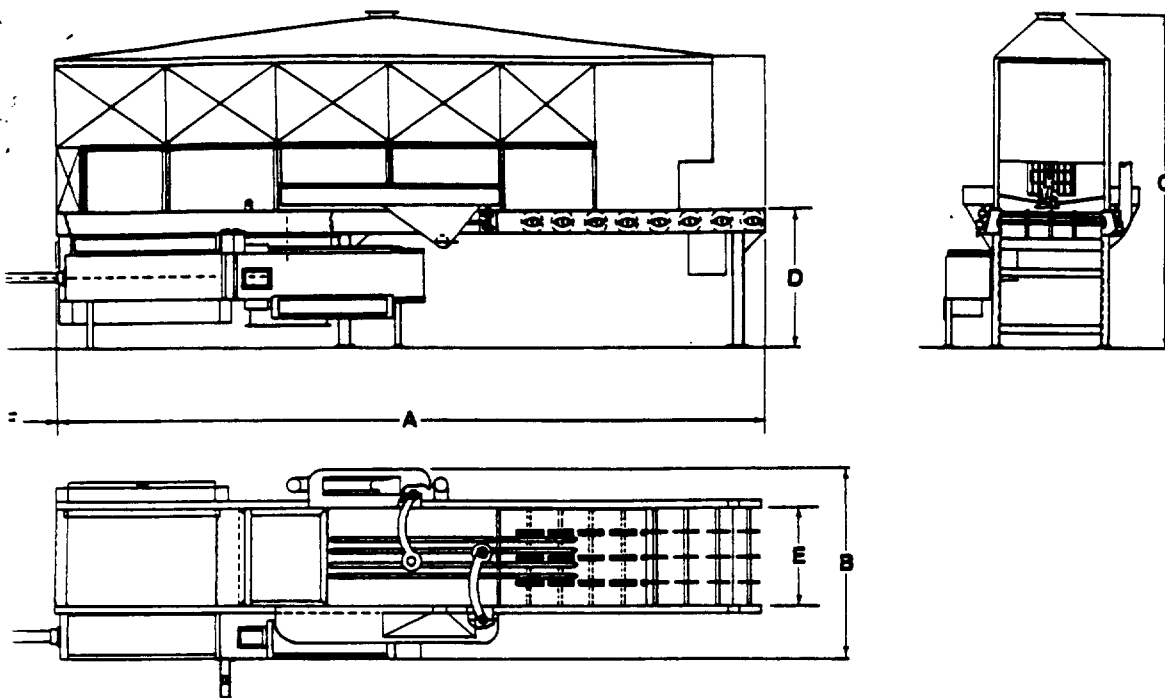
Fig. 5-10-2

Site excavation in the floor area below the dump hopper

Depth 8" Dim A
Length 13' Dim B
Width 5'

This excavation is required for the shredder and take-away conveyor attachments.





Description

Internal carriage, pre-staging conveyor, and air cutters mounted to a rugged structural steel welded frame completely enclosed by a sheet metal shroud. The shroud is specifically designed to protect the operator from potential injury and reduce free air fibre from the work environment. Hinged "LEXAN" panels provide ease of maintenance and continuous observation of the entire processing sequence. The internal carriage is driven by an available A/C motor that is controlled by the remote control console. As the carriage plate contacts the staged bag, eight (8) claws puncture and clinch the bag. The bag is then fed thru dual off-center mounted air driven pivotal rollers. Prior to entering the dump hopper, the bag is subjected to a hydraulic activated thumping action. This expedites separation of asbestos material from the bag. The asbestos falls in the fibre shredder for fibre shredding (fluff). The internal carriage deposits the empty bag into the compactor. The empty bag is compacted and periodically ejected into a separate plastic bag for disposal by the operator. The remote control console features a NEMA 12 enclosure, 30 AMP disconnect, manual over-ride mode, integral bag count indicator.

Specifications

Capacity	Will cut varying mixed sizes of compressed & loose-fill bags to a maximum width of 32". No adjustments necessary.		
	Bag Size	46"L X 25"W X 8"H 26"L X 16"W X 8"H	
	Bag Wrappers	Plastic/Paper/Polywoven	
	Bag Weight (No Limit)	100 lb. (45.36 Kg.) 110 lb. (50 Kg.)	
Bag Opening Rate	Automatic Open/dump/fluff/eject & compact empty wrapper. Approximately 45 seconds per bag or 80 bags per hour. Manual Over-Ride Allows operator to process a bag and clear the machine in the event of a component failure.		
Bag Disposal	Empty wrappers are compacted into a baler & discharged into a single plastic bag for disposal. 6 to 8 hour accumulation, each dump cycle. Bale Size: 14" X 14" X 47"		
Physical (Excluding Conveyors)	Length Width Height Weight	19' Dim. A 52" Dim. B 89" Dim. C Approximately 12,000 lbs. (with shredder)	44 1/4" Dim. D 32" Dim. E 66" Dim. F
Electrical	Push Button Control Console	30 AMP Disconnect Mechanism. Includes a bag count indicator.	
	Standard Hydraulic Unit	230/460 VAC 15 H.P Three Phase	
	Carriage Drive	230/460 VAC 1/4 H.P. Three Phase	
Pneumatic	Pressure Main Connection	80 PSI	
	Cutter Motors	2800 RPM	
Cutter Blades	Material	Fiber Abrasive	
	Size	1/16" X 6" Diameter	
	Features	No Sharpening Replaceable	
Dust Counts*	Measurements over time waited period.		
	Lowest		Highest
	* 10 Fibres per cubic centimeter of air.		* 16 Fibres per cubic centimeter of air

Direct all inquiries to:
CertainTeed Corporation

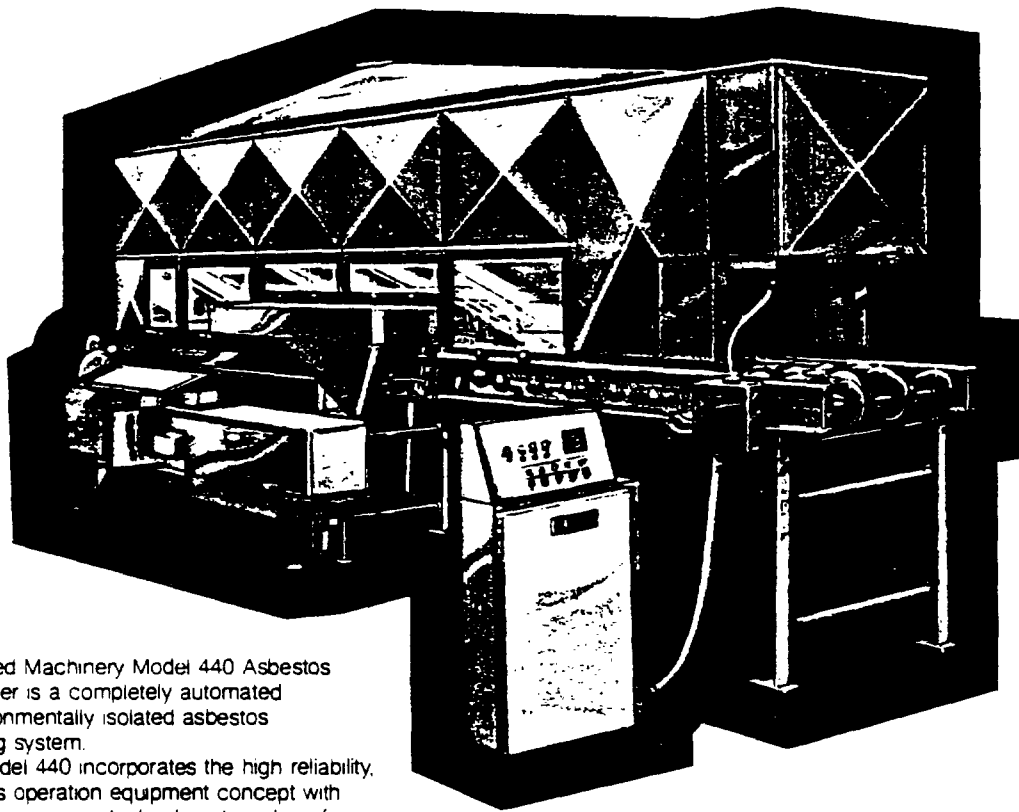
5501 N. 119th Street West, Maize, KS 67101
(316) 722-2811 TWX 910-741-6823

*Plant measurements may vary according to the individual installation configuration.

SGP 0021186

Lino USA

440 Asbestos Bag Opener



CertainTeed Machinery Model 440 Asbestos Bag Opener is a completely automated and environmentally isolated asbestos processing system.

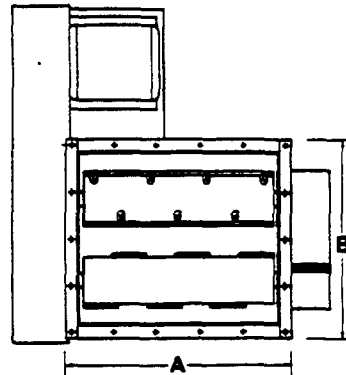
The Model 440 incorporates the high reliability, continuous operation equipment concept with improved processing technology to reduce free airfibres.

The Bag Opener will automatically process* (*cut, dump, compact, and fluff) all bag materials and sizes to a maximum rate of 80 bags per hour. No production adjustment is required.

Patent applied for

**CertainTeed
Machinery**

SGP 0021187



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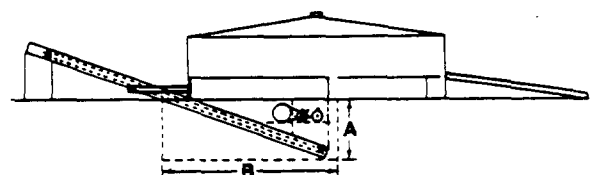
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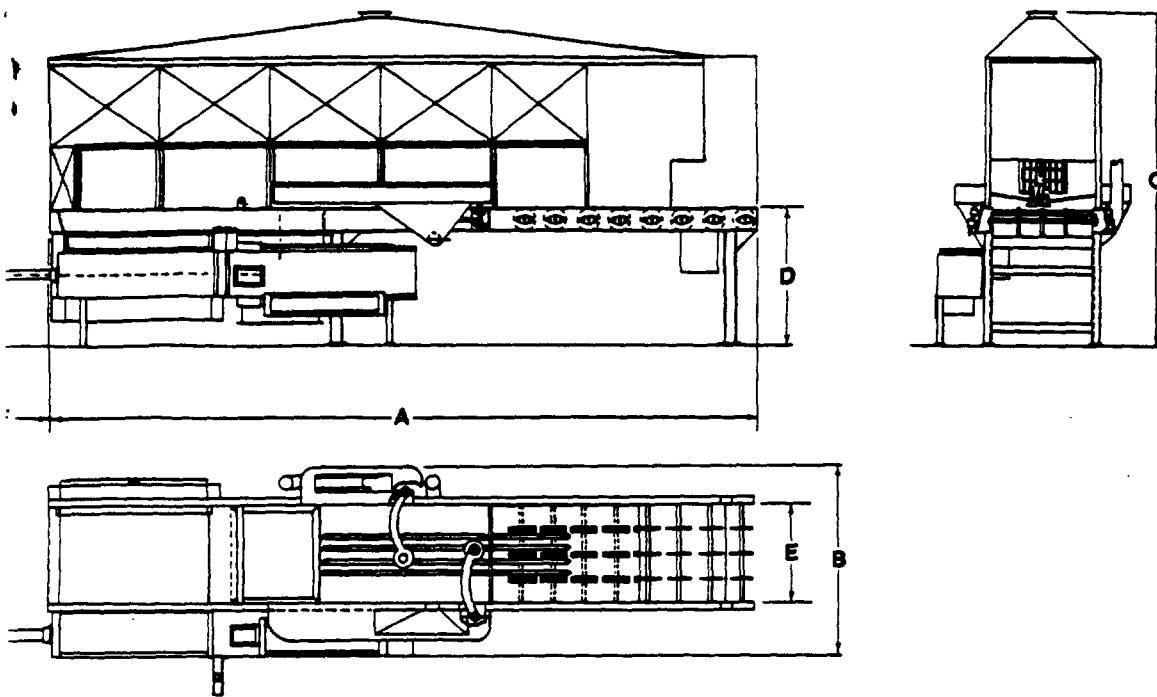
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SGP 0021189

Litho USA