

CONVEYOR RANGE



TC65 & TC80

TRACKED CONVEYOR

The CBI conveyor range is made up of tracked conveyors in both high level and low level specifications. Heavy duty tracks, as standard, make these conveyors portable and versatile enough for many applications. Each machine is easily transported while select models feature rotating undercarriages. Using conveyors increases stockpile capacity and reduces on-site material handling. For convenience and to keep shipping costs low, CBI conveyors can be transported in a 40ft container. The range includes 65ft and 80ft track mobile conveyors: TC65 & TC80.

| TRANSPORT DIMENSIONS | TC65 | TC80 |
|----------------------|------------------------------------|------------------------------------|
| Length | 11.3m (37') | 11.88m (38' 11") |
| Width | 2.25m (7' 4") | 2.25m (7' 4") |
| Height | 2.65m (8' 8") | 2.88m (9' 5'') |
| Weight (Est.) | 13,820kgs (30,467lbs) | 16,750kgs (36,927lbs) |
| Container shipping | 40' x 9' 6" High Cube Container | 40' x 9' 6" High Cube Container |

| CONVEYOR DETAILS | TC65 | TC80 |
|-----------------------|--------------------------------|--------------------------------|
| Conveyor length | 19.79m (64' 11') | 22.8m (74' 10") |
| Belt width | 1050mm (42") | 1050mm (42'') |
| Discharge height | 9.1m (29'10") @ 24° | 9.9m (32' 5") @ 24° |
| Max. discharge height | 9.45m (31') @ 28° | 10.41m (34'1") @ 25° |
| Production capacity | Up to 500+TPH (551+ US TPH) | Up to 500+TPH (551+ US TPH) |

| OPTIONS* | TC65 | TC80 |
|--|------|------|
| Feedboot liners: AR400 plate or 20mm rubber | - | • |
| Feedboot extension with liners | | |
| Large capacity biomass hopper | | |
| Chevron belt | | |
| Twin hydraulic drive discharge conveyor | | |
| Aluminum dust covers | | |
| Spray bar at head drum | | |
| Full length skirting rubber | | |
| Overband magnet with hydraulic kit and support frames | | |
| Hybrid complete with hydraulic and electric conveyor drive (400 TPH) | | |
| Twin Electric Drive 2 x 11kw motors (Hydraulic Conveyor Drive Removed) (400 TP | H) • | • |
| Radio Remote to track machine | - | • |

^{*} Refer to order form for current listing of options available.







SITE OPERATING **EFFICIENCY**



ENVIRONMENTAL CONSIDERATIONS







Folding head section

2

TC100

TRACKED CONVEYOR

The CBI TC100 builds on the hugely successful TC65 & TC80 conveyors. The conveyor's extra length and increased power allows Hydraulic folding head for maximum mobility and flexibility, reducing or eliminating the use of wheeled loaders on site. The conveyor can cope with all applications, from light duty screened material through to recycling applications. The conveyor is 100ft long and still retains the ability to be transported worldwide in a 40ft container. Compact folding mechanism allows container shipping Hydraulic adjustment for variable feed height reduces impact and provides optimal material Pinless deployment transfer Fully protected power unit with easy access for service and maintenance Impact rollers as standard Stage 3A: CAT C4.4 83kW (111hp) Tier 4F: CAT C4.4 82kW (110hp) Stage V: CAT C2.2 55kW (73hp)** Steel lined feedboot Fuel tank volume: 220L (58 US GAL) as standard providing extended wear life. Feedboot extensions and rubber lined options also available Dual-speed tracks for quick and controlled deployment

Feedboot liners: AR400 plate or 20mm rubber

Twin hydraulic drive discharge conveyor

Dust suppression water spray bar at head drum

High spec scraper on discharge conveyor at head drum

Overband magnet with hydraulic kit and support frames Grease lines to head drum bearings on discharge conveyor

Radio remote to track machine

| 415 | | Hydraulic folding tail section |
|-----------------------|------------------------------------|-----------------------------------|
| TRANSPORT DIMENSIONS | TC100 | OPTIONS* |
| Length | 11.9m (39') | Feedboot liners: AR400 plate or |
| Width | 2.84m (9'4") | Feedboot extension with liners |
| Height | 3.43m (11′ 3″) | Impact bed at feedboot area |
| | | Anti-roll back flaps |
| Weight (Est.) | 21,800kg (48,060lbs) | Chevron belt |
| Container shipping | 40' x 9' 6" High Cube Container | Heavy duty plain belt |
| | | Twin hydraulic drive discharge of |
| CONVEYOR DETAILS | TC100 | High spec scraper on discharge |
| Conveyor length | 30.1m (98'9") | Dust hood |
| Belt width | 1050mm (42") | Canvas dust covers |
| Discharge height | 10.1m (33′ 1″) @ 18° | Dust suppression water spray b |
| Max. discharge height | 13.1m (43' 11") @ 25° | Full length skirting rubber |
| Production capacity | Up to 600TPH | Overband magnet with hydraul |
| | (661 US TPH) | Grease lines to head drum bear |
| | | |

^{*} Refer to order form for current listing of options available.

TC75R

TRACKED CONVEYOR



| TRANSPORT DIMENSIONS | TC75R |
|----------------------|------------------------------------|
| Length | 15.2m (49' 10'') |
| Width | 2.52m (8' 3") |
| Height | 3.43m (11' 3") |
| Weight (Est.) | 19,800kg (43,651lbs) |
| Container shipping | 40′ x 9′ 6″ High Cube Container |
| | |

| CONVEYOR DETAILS | TC75R |
|-----------------------|------------------------------|
| Conveyor length | 22.9m (75′ 1″) |
| Belt width | 1050mm (42") |
| Discharge height | 9m (29′ 6″) @ 18° |
| Max. discharge height | 10.9m (34′ 9′′) @ 23° |
| Production capacity | Up to 600TPH (661 US TPH) |
| | |

^{*} Refer to order form for current listing of options available.

OPTIONS*

| Feedboot liners: AR400 plate or 20mm rubber |
|--|
| Feedboot extension with liners |
| Impact bed at feedboot area |
| Anti-roll back flaps |
| Chevron belt |
| Heavy duty plain belt |
| Twin hydraulic drive discharge conveyor |
| High spec discharge conveyor head drum scraper |
| Dust hood |
| Canvas dust covers |
| Dust suppression water spray bar at head drum |
| Full length skirting rubber |
| Grease lines to head drum bearings on discharge conveyor |
| Belt weigher |
| Radio remote to stop/start, raise/lower conveyor |
| Radio Remote to track machine |
| Auto radial & raise function |

^{**} Contact factory for availability.

^{**} Contact factory for availability.

HLF75

HIGH LEVEL FEEDER

Automatic greasing The CBI HLF75 High Level Feeder combines an inclined screen cartridges at head drum style feeding system and stockpiling conveyor, allowing the operator to directly discharge from wheel loaders to eliminate the double handling of material on site. The HLF75 features a 75' long conveyor and is designed to work with CBI's range Hydraulic folding of grinding and chipping equipment. Tracks allow for easy head section movement around the site. Hopper capacity: Undercarriage with heavy 7m³ (9.15 Cu. Yd.) duty tracks **■** Variable **₹** Feeder Kick out/kick in pressure belt width: speed sensor to reduce blockages control 1200mm Pinless deployment Fully protected power unit with easy access for service and maintenance Hydraulically adjusting Stage 3A: CAT C4.4 83kW (111hp) jacking legs Tier 4/Stage VI: CAT C4.4 82kW (110hp) Stage V: CAT C3.6**

| TRANSPORT DIMENSIONS | HLF75 |
|----------------------|---|
| Length | 19.5m (63' 11") |
| Width | 2.75m (9') |
| Height | 3.12m (10' 2") |
| Weight (Est.) | 23,500kg (51,808lbs) |
| Container shipping | 40' x 9' 6" 2 x High Cube Containers |

| CONVEYOR DETAILS | HLF75 |
|---------------------------|-------------------------------|
| Discharge conveyor length | 22.5m (73' 10") |
| Feeder length | 4.1m (13' 11") |
| Belt width | 1200mm (48") |
| Discharge height | 8m (26' 3") @ 18° |
| Max. discharge height | 9.8m (32' 2") @ 24° |
| Production capacity | Up to 600+TPH (661 US TPH) |

OPTIONS*

| 4" or 6" | tipping grid fitted to feed conveyor |
|-----------|--|
| 12ft 2-D | eck vibrating grid with radio control tipping bofor grid |
| Upgrade | d hopper with integrated fall break system |
| Twin hyc | raulic drive feed conveyor |
| Twin Hy | draulic Drive Discharge Conveyor |
| Discharg | e conveyor drive drum upgraded to ceramic lagging |
| Discharg | e conveyor fitted with chevron belt |
| High spe | c SCS scraper discharge conveyor at head drum |
| Canvas o | lust covers complete with dust hood on discharge r |
| Dust sup | pression water spray bar at head drum on discharge |
| Full leng | th skirting rubber along discharge conveyor |
| Belt weig | her option |
| | d magnet on discharge conveyor with hydraulic kit port frames |
| Hybrid | |
| | mote to stop/start feed conveyor, raise/lower e conveyor and tip grid |
| Radio re | mote to track machine |

Fuel tank volume: 325L (85 US GAL)

LLF75

LOW LEVEL FEEDER



| TRANSPORT DIMENSIONS | LLF75 |
|----------------------|---|
| Length | 19.74m (64′ 9″) |
| Width | 2.75m (9') |
| Height | 3.35m (11') |
| Weight (Est.) | 24,700kg (54,454lbs) |
| Container shipping | 40' x 9' 6" 2 x High Cube Containers |
| | |

| CONVEYOR DETAILS | LLF75 |
|---------------------------|-------------------------------|
| Discharge conveyor length | 22.5m (73' 10") |
| Feeder length | 4.1m (13' 11") |
| Belt width | 1300mm (4' 3') |
| Discharge height | 8m (26′ 3″) @ 18° |
| Max. discharge height | 9.8m (32′ 2″) @ 24° |
| Production capacity | Up to 600+TPH (661 US TPH) |
| | |

 $[\]ensuremath{^{*}}$ Refer to order form for current listing of options available.

OPTIONS*

| AR400 steel liners bolted into hopper |
|---|
| AR400 steel wear liners on hopper flares |
| Large capacity hopper |
| Feedboot lined with 6mm AR400 wear plate |
| Feed conveyor drive drum upgraded to ceramic lagging |
| Manually adjusting jacking legs |
| Discharge conveyor drive drum upgraded to ceramic lagging |
| Twin hydraulic drive discharge conveyor |
| Discharge conveyor fitted with chevron belt |
| High spec SCS scraper discharge conveyor at head drum |
| Canvas dust covers complete with dust hood on discharge conveyor |
| Spray bar at head drum on discharge conveyor |
| Full length skirting rubber along discharge conveyor |
| Belt weigher |
| Overband magnet on discharge conveyor with hydraulic kit and support frames |
| Hybrid |
| Radio remote to stop/start feed conveyor and raise/lower discharge conveyor |
| Radio remote to track machine |

6

^{*} Refer to order form for current listing of options available.

^{**} Contact factory for availability.

^{**} Contact factory for availability.

HLF75

Variable

speed

control

Feeder

belt width:

1200mm

Hopper

capacity: 7m3

(9.15 Cu. Yd.)

HIGH LEVEL ORBITAL FEEDER



The CBI HLF75 Orbital High Level feeder permits operators to directly discharge to the hopper/feeder from excavators or wheel loaders, eliminating double handling of material on site. The rotating undercarriage allows the conveyor to rotate a full 360° which provides increased versatility on site. It can be used for a 'metered or controlled' feed of material when working as part of a grinding and chipping application, or in standalone applications.

Undercarriage with

heavy duty tracks

Hydraulically adjusting jacking legs

Automatic greasing cartridges at head drum

nen

n,

Hydraulic folding head section

Kick out/kick in pressure sensor to reduce blockages

Pinless deployment

Hydraulically driven orbital slew ring

Fully protected power unit with easy access for service and maintenance

Stage 3A: CAT C4.4 83kW (111hp)

Tier 4/Stage VI: CAT C4.4 82kW (110hp)

Fuel tank volume: 325L (85 US GAL)

**Stage V: CAT C3.6

| TRANSPORT DIMENSIONS | HLF75 Orbital |
|----------------------|---------------------------------------|
| Length | 19.5m (63') |
| Width | 3.2m (10' 6") |
| Height | 3.63m (11' 11") |
| Weight (Est.) | 29,300kg (64,595lbs) |
| Container shipping | 40' x 9' 6" 2x High Cube Container |

| CONVEYOR DETAILS | HLF75 Orbital |
|---------------------------|-------------------------------|
| Discharge conveyor length | 22.5m (73′ 10″) |
| eeder length | 4.1m (13' 11") |
| Belt width | 1200 mm (48") |
| Discharge height | 8.80m (28' 2") @ 18° |
| Max. discharge height | 10.7m (34' 6") @ 24° |
| Production capacity | Up to 600+TPH (661 US TPH) |
| | |

^{*} Refer to order form for current listing of options available.

OPTIONS*

| AR400 steel wear liners in hopper 4" or 6" tipping grid option 12ft 2-Deck vibrating grid with radio control tipping bofor grid |
|---|
| |
| 12ft 2-Deck vibrating grid with radio control tipping bofor grid |
| TETE Deck Vibrating grid With radio control appling boton grid |
| Upgraded hopper with integrated Fall Break System |
| Twin hydraulic drive feed conveyor |
| Twin hydraulic drive discharge conveyor |
| Discharge conveyor drive drum upgraded to ceramic lagging |
| Discharge conveyor fitted with chevron belt |
| High spec SCS scraper discharge conveyor at head drum |
| Canvas dust covers complete with dust hood on discharge conveyor |
| Spray bar at head drum on discharge conveyor |
| Full length skirting rubber along discharge conveyor |
| Belt weigher |
| Overband magnet on discharge conveyor with hydraulic kit and support frames |

LLF75

LOW LEVEL ORBITAL FEEDER



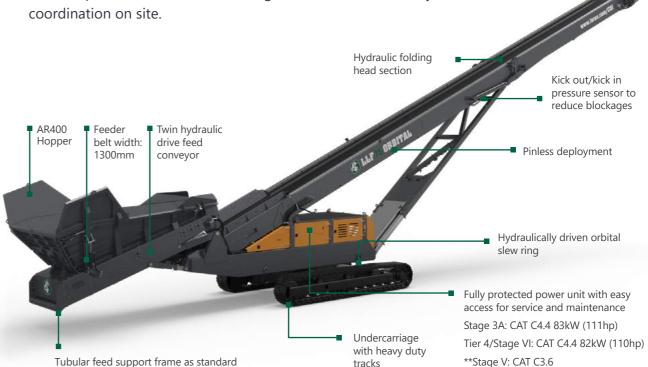
Automatic greasing

cartridges at head

drum

Fuel tank volume: 325L (85 US GAL)

The CBI LL75 Low Level Feeder Conveyor allows the operator to directly discharge from wheel loaders and excavators at a significantly lower feed in height compared to other hopper feeders, thus eliminating double handling of material on site. The LL75 also features a 75' long stacker for excellent stockpiling. The orbital setup allows the conveyor to rotate separate from the undercarriage for increased efficiency and coordination on site.



| TRANSPORT DIMENSIONS | LLF75 |
|----------------------|---------------------------------------|
| Length | 19.7m (64′ 8″) |
| Width | 3.2m (10' 6") |
| Height | 3.63m (11' 11") |
| Weight (Est.) | 29,550kg (65,146lbs) |
| Container shipping | 40' x 9' 6" 2x High Cube Container |

| LLF75 |
|-------------------------------|
| 22.5m (73' 10") |
| 4.1m (13' 11") |
| 1300mm (4' 3') |
| 8m (26' 3") @ 18° |
| 10.7m (35') @ 24° |
| Up to 600+TPH (661 US TPH) |
| |

^{*} Refer to order form for current listing of options available.

OPTIONS*

| Larg | ge capacity hopper |
|------|--|
| Fee | dboot lined with AR400 wear plate |
| Fee | d conveyor drive drum upgraded to ceramic lagging |
| Mai | nually adjusting jacking legs |
| Disc | charge conveyor drive drum upgraded to ceramic lagging |
| Twi | n hydraulic drive discharge conveyor |
| Disc | charge conveyor fitted with chevron belt |
| Hig | h spec SCS scraper discharge conveyor at head drum |
| | nvas dust covers complete with dust hood on discharge aveyor |
| Spr | ay bar at head drum on discharge conveyor |
| Full | length skirting rubber along discharge conveyor |
| Belt | t weigher |
| | erband magnet on discharge conveyor with hydraulic kit and port frames |

 $oldsymbol{8}$

^{**} Contact factory for availability.

^{**} Contact factory for availability.

HLF75

HIGH LEVEL ORGANIC FEEDER

The CBI HLF75 Organics Conveyor combines a highly versatile feeder system and stockpiling conveyor, allowing the operator to directly discharge from wheel loaders to eliminate the double handling of material on site. An auger at the hopper outlet provides an aeration and untangling solution of organic Automatic greasing materials. The high capacity, customized hopper design cartridges at head drum efficiently transfers and prevents the bridging of materials. Hydraulic folding head section Kick out/kick in Variable Discharge Undercarriage with pressure sensor to Feeder Hopper speed capacity: 7m³ heavy duty tracks reduce blockages reverse auger control function hood (9.15 Cu. Yd.) Pinless deployment Fully protected power unit with easy access for service and maintenance Stage 3A: CAT C4.4 83kW (111hp) Tier 4/Stage VI: CAT C4.4 82kW (110hp) Stage V: CAT C3.6**

| TRANSPORT DIMENSIONS | HLF75 Organic | |
|---------------------------|--|--|
| Length | 19.5m (63') | |
| Width | 2.7m (8′ 8′′) | |
| Height | 3m (9' 8") | |
| Weight (Est.) | 24,350kg (53,682) | |
| Container shipping | 40' x 9' 6" 2x High Cube Containers | |
| CONVEYOR DETAILS | HLF75 Organic | |
| Discharge conveyor length | 22.5m (73′ 10′′) | |
| Feeder length | 4.1m (13' 11") | |
| Belt width | 1400 mm (56") | |
| Discharge height | 8.80m (28' 2") @ 18° | |
| Max. discharge height | 9.8m (32' 2") @ 24° | |
| Production capacity | Up to 600+TPH | |

^{*} Refer to order form for current listing of options available.

Hydraulically adjusting jacking legs

OPTIONS*

Feeder belt width 1200mm

Discharge conveyor drive drum upgraded to ceramic lagging Feed conveyor drive drum upgraded to ceramic lagging High spec SCS scraper discharge conveyor at head drum Discharge conveyor underguard length of mid-section Canvas dust covers complete with dust hood on discharge conveyor Spray bar at head drum on discharge conveyor Belt weighter Overband magnet on discharge conveyor with hydraulic kit and Hybrid Radio remote to stop/start feed conveyor, raise/lower discharge conveyor Radio Remote to track machine

Fuel tank volume: 325L (85 US GAL)



HLF75

ORBITAL ORGANIC FEEDER



The CBI HLF75 Orbital Organics Stacking Conveyor combines a highly versatile feeder system and stockpiling conveyor, allowing the operator to directly discharge from wheel loaders to eliminate the double handling of material on site. The orbital Automatic greasing setup allows the conveyor to rotate separate from the cartridges at head drum undercarriage for increased efficiency and coordination on site. The high capacity, customized hopper design efficiently transfers and prevents the bridging of materials. Hydraulic folding head section Kick out/kick in pressure sensor to Feeder **■** Feeder Hopper **■** Discharge reduce blockages reverse belt width capacity auger hood 1200m function 7m³ (9.15 Cu. Yd.) Pinless deployment Fully protected power unit with easy access for service and maintenance Stage 3A: CAT C4.4 83kW (111hp) 1 Tier 4/Stage VI: CAT C4.4 82kW (110hp) Stage V: CAT C3.6** Fuel tank volume: 325L (85 US GAL)

| Variable | Hydraulically adjusting jacking legs |
|---------------|--------------------------------------|
| speed control | |

| TRANSPORT DIMENSIONS | HLF75 Organic Orbital | |
|---------------------------|---------------------------------------|--|
| Length | 22.5m (73' 10") | |
| Width | 3.2m (10' 6") | |
| Height | 3.63m (11' 11") | |
| Weight (Est.) | 29,300kg (64,595lbs) | |
| Container shipping | 40' x 9' 6" 2x High Cube Container | |
| CONVEYOR DETAILS | HLF75 Organic Orbital | |
| Discharge conveyor length | 22.5m (73' 10") | |
| Feeder length | 4.1m (13' 11") | |
| Belt width | 1400 mm (56") | |
| Discharge height | 8m (26' 3") @ 18° | |
| Max. discharge height | 10.7m (34' 6") @ 24° | |
| Production capacity | Up to 600+TPH (661 US TPH) | |

^{*} Refer to order form for current listing of options available.

OPTIONS*

| Discharge conveyor drive drum upgrac lagging | led to ceramic |
|---|------------------------|
| Feed conveyor drive drum upgraded to | o ceramic lagging |
| High spec SCS scraper discharge conve | eyor at head drum |
| Discharge conveyor underguard length | n of mid-section |
| Canvas dust covers complete with dust conveyor | t hood on discharge |
| Spray bar at head drum on discharge of | conveyor |
| Belt weigher | |
| Overband magnet on discharge converged and support frames | yor with hydraulic kit |



Hydraulically driven orbital slew ring

10 11

^{**} Contact factory for availability.

^{**} Contact factory for availability.

| Distributed by: | |
|-----------------|--|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |



A TEREX BRAND

Continental Biomass Industries

World's best stationary and portable material recovery systems.

May 2021. The material in this document is for information only and is subject to change without notice. CBI assumes no liability resulting from errors or omissions in this document, or from the use of the information contained herein. Due to continual product development we reserve the right to change specifications without notice. Any product performance figures given in this brochure are for guidance purposes only. This information does not constitute an expressed or implied warranty or guarantee, but shows text examples provided. Photographs are for illustrative purposes only. Some or all of the machines in the illustrations may be fitted with optional extra. Products and services listed may be trademarks, service marks, or trade names of Terex Corporation and/or its subsidiaries in the USA and other countries. The CBI logo is a registered trademark. All rights reserved.

22 Whittier Street, Newton, NH, 03858

Phone: (603) 382-0556 **Fax**: (603) 382-0557

Email: NWT.InfoFWD@terex.com