



CONTINUOUS MINER GCM445

Specification

Power

Total Power	884kW	1185 hp
Cutting Head Power	500kW	650 hp

Loading Unit

Loading Capacity	14-35 tonnes/min	15-39 tons/min
------------------	------------------	----------------

Operating Dimensions

Mining range(recommended)	1651-3480 mm	65-137 in
---------------------------	--------------	-----------

Minimum height	1499 mm	59 in
----------------	---------	-------

Maximum reach	3785 mm	12 ft 5 in
---------------	---------	------------

Ground Clearance	229 mm	9 in
------------------	--------	------

Length rear bumper to face	8631 mm	28 ft 4 in
----------------------------	---------	------------

Transport Dimensions

Frame width (over rub rails)	3424 mm	11 ft 3 in
------------------------------	---------	------------

Overall length	11,530 mm	37 ft 9 in
----------------	-----------	------------

Height (over cover line)	1394 mm	55 in
--------------------------	---------	-------

Machine Weight

Weight(total)	85.7 tonnes	189,000lb
---------------	-------------	-----------

Cutting Unit

Cutting drum diameter	1118 mm	44 in
-----------------------	---------	-------

Cutting drum width	3581 mm	11 ft 9in
--------------------	---------	-----------

Cutting power-motors (one hour rating)	2 x 209 kW	(2 x 280 hp)
---	------------	--------------

Cutting

0 to maximum cut	1492-3989 mm	58.75-157 in
------------------	--------------	--------------

Machine Weight

Weight(total)	85.7 tonnes	189,000 lb
---------------	-------------	------------

Loading Unit

Loading method	3 finger CLA	
----------------	--------------	--

Conveyor width	965 mm	38 in
----------------	--------	-------

Conveyor depth	305 mm	12 in
----------------	--------	-------

Loading capacity	14 - 35 tonnes/min	15-39 tons/min
------------------	--------------------	----------------

Conveyor power-motors (one hour rating)	2 x 48 kW	2 x 65 hp
--	-----------	-----------

Traction Unit

Crawler Chain Width	559 mm	22 in
---------------------	--------	-------

Crawler Assenbly Length	3551 mm	11 ft 8 in
-------------------------	---------	------------

Ground Pressure	212 kPa	30.7 psi
-----------------	---------	----------

Crawler Speed	0-23 m/min	0-75 ft/min
---------------	------------	-------------

Traction Power- AC/VFD (one hour rating)	2 x 48 kW	2 x 65 hp
---	-----------	-----------

Pump Unit

Pump Power- Motor (one hour rating)	1 x 48 kW	1 x 65 hp
--	-----------	-----------

Optional Dust Suppression

Scrubber Assembly	Top Mounted	
-------------------	-------------	--

Scrubber Type	Wet Bed	
---------------	---------	--

Scrubber Capacity	4.7m ³ /sec	10,000 ft ³ /min
-------------------	------------------------	-----------------------------

Fan Powe- Motor	1 x 30 kW	1 x 40 hp
-----------------	-----------	-----------

Electrical System

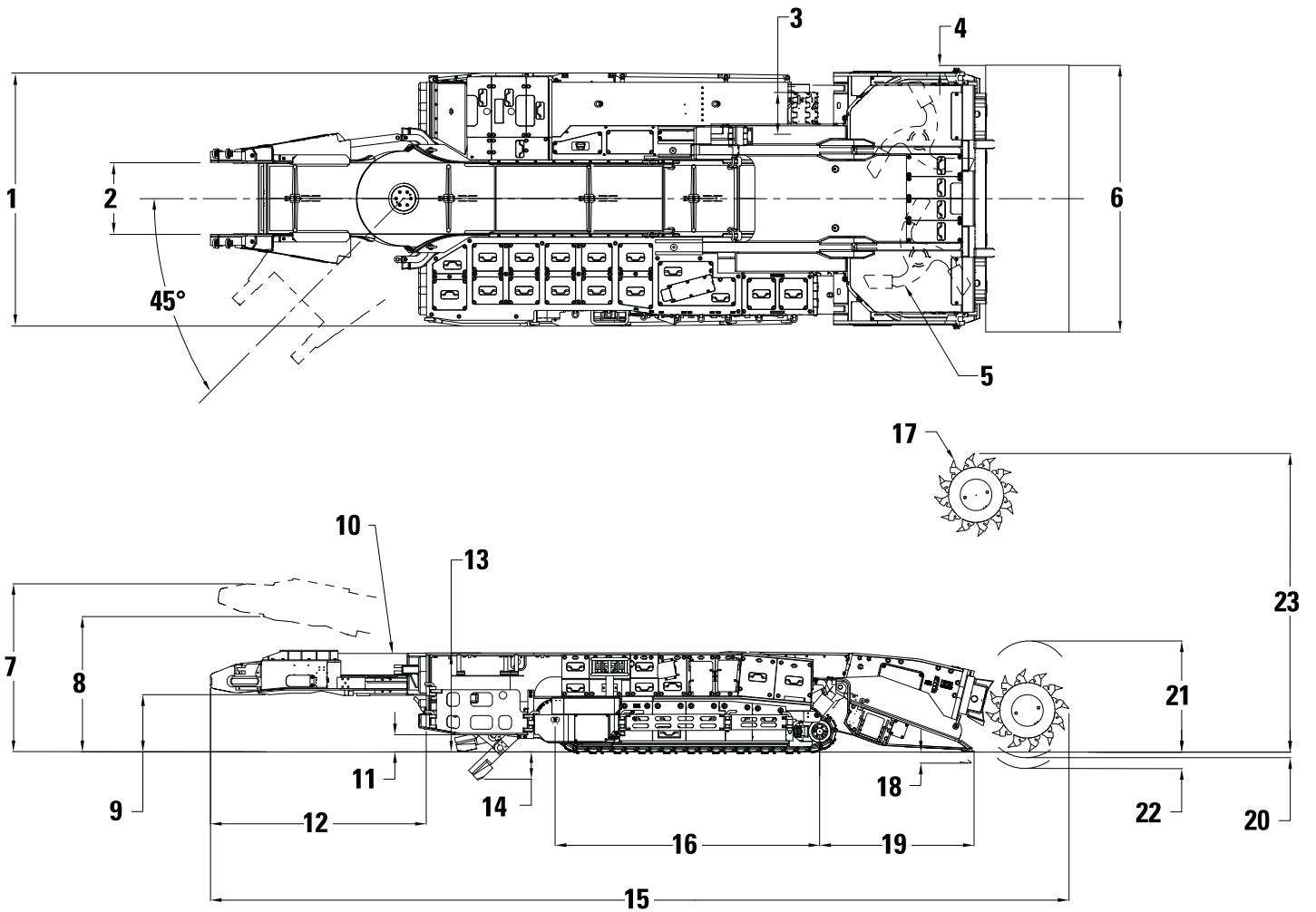
Machine Voltage 995V AC 60Hz
 (International voltages available)

Control System Processor based/
 Radio remote control

Total installed power

One hour rating without Scrubber 727 kW 975 hp

Dimensions (All dimensions are approximate.)



1	3424 mm	11 ft 3 in	13	1394 mm	55 in
2	965 mm	38 in	14	330 mm	13 in
3	559 mm	22 in	15	11,530 mm	37 ft 9 in
4	102 mm	4 in	16	3551 mm	11 ft 8 in
5	1573 mm	62 in	17	1118 mm	44 in
6	3581 mm	11 ft 9 in	18	254 mm	10 in
7	2921 mm	9ft 7 in	19	2082 mm	6 ft 10 in
8	2388 mm	7 ft 10 in	20	76 mm	3 in
9	768 mm	2 ft 6.25 in	21	1499 mm	4 ft 11 in
10	305 mm	12 in	22	229 mm	9 in
11	229 mm	9 in	23	3785 mm	12 ft 5 in
12	2899 mm	9 ft 6 in			

India

Gainwell Engineering Private Limited
Godrej Genesis Technology Park
Unit 401, 402, 403, Plot X1
Block EP & GP, Salt Lake
Sector V, Kolkata – 700091, India
Email : info@gainwellengineering.com

Australia

Gainwell Engineering Pacific Pty Limited
135 Bulls Garden Road
Gateshead, NSW 2290
+61 0240721130
Phone : (02) 4072 1130
Email : cs@gainwellengineering.com

Singapore

Gainwell Engineering Global PTE. Limited
39 Robinson Road
#15-01, Robinson Point
Singapore 068911
Phone : +65 98706685
Email : finance@enl.com.sg

USA

Gainwell Engineering Inc.
198 Baughan Road
HICO, West Virginia, 25854
United States of America
Phone: 1-304-658-2100
Email: inquiries@gainwellengineering.com