



## HSL – Side Tipping Loader

### **Mining experience around the world**

HAZEMAG & EPR GmbH can look back on more than 175 years of history and, with a workforce numbering around 450 worldwide, the company is operating successfully on all 5 continents. With HAZEMAG MINING, the company has a highly specialised supplier of mining products. HAZEMAG is a competent, reliable and customer-oriented partner of the global mining industry. Decades of experience in combination with continuous innovation are the basis of the HAZEMAG product range for the mining industry.

The entire HAZEMAG mining portfolio represents durability, high operational availability and efficiency. Quality is the basis of our sustainable success. Economic coal mining can only be ensured by modern and reliable machines backed by expert service – HAZEMAG provides its customers with this basis for success.

HAZEMAG is solution provider for surface and underground mining. Especially for coal, salt and narrow vein ore mining.

HAZEMAG MINING side tipping loaders are suited for all loading works arising in underground operation. They are characterized by a simple, compact and easy to maintain design as well as by a high operational availability.

The machines work with a low noise level. The hydraulics are designed for hardly inflammable pressure liquids or mineral oil.

The electrical equipment of the side tipping loaders is made in flame-proof design according to the regulations of the respective authorities.

The operator's cab is designed in compliance with ergonomic guidelines. The assembly groups are made according to the unit construction principle and are easy to transport and may be quickly assembled.

The side tipping loader is available in 3 sizes, HSL 600, HSL 1000 and HSL 1500.

# Technical Data

1. General	HSL 600	HSL 1000	HSL 1500
Working area	10 - 15yd <sup>2</sup>	15 - 20yd <sup>2</sup>	20 - 60yd <sup>2</sup>
Total length with bucket	250ln	280ln	285ln
Width	47ln	50ln	67ln
Height	55ln	60ln	65ln
Weight	10t	12t	15t
Maximun incline	20 degrees	20 degrees	20 degrees
Travelling speed	3ft/s	4ft/s	4ft/s
Track pad width	10ln	15ln	12ln
Specific soil pressure	12N/ln <sup>2</sup>	10N/ln <sup>2</sup>	12N/ln <sup>2</sup>
Tractive force per chain	65kN	60kN	100kN

2. Boom	HSL 600	HSL 1000	HSL 1500
Stroke of telescopic	20ln	40ln	40ln

3. Side discharge bucket	HSL 600	HSL 1000	HSL 1500
Average gross loading capacity	50 - 70yd <sup>3</sup> /h	65 - 105m <sup>3</sup> /h	105 - 170yd <sup>3</sup> /h
Bucket capacity	160gal	260gal	400gal
Discharge height	90ln	85ln	130ln
Digging depth under floor	20ln	20ln	12ln
Rotation mechanism — max.torque	230Nm	230Nm	230Nm
Rotation mechanism — max.speed	320min <sup>-1</sup>	320min <sup>-1</sup>	320min <sup>-1</sup>

4. Hydraulics	HSL 600	HSL 1000	HSL 1500
Oil tank capacity	65gal	100gal	130gal

5. Electrics	HSL 600	HSL 1000	HSL 1500
Electric motor	60hp	60 - 100hp	100 - 125hp
Electric equipment in flame proof design			

Cable drum is available as an option on all machines.