





Mulching Heads

IMH Series

 **INDECO**
A TOOL FOR EVERY JOB



Application areas

		IMH	SG	
<div></div> <div>Land Clearing</div>	Land clearing	• Right of way clearance and maintenance	<input type="radio"/>	
		• Power transmission/distribution line and substation clearance	<input type="radio"/>	
		• Railway maintenance	<input type="radio"/>	
		• Residential and farm clearing	<input type="radio"/>	
		• Highway maintenance	<input type="radio"/>	
		• Pipeline clearance	<input type="radio"/>	
		• Ski resorts and other speciality field maintenance	<input type="radio"/>	
		• Roadside maintenance	<input type="radio"/>	
<div></div> <div>Agriculture and Forestry</div>	Gardening & landscaping	• Fencing		
		• Ground excavation		
		• Rock breaking		
		• Pit planting		
		• Stump splitting		
		• Golf course maintenance	<input type="radio"/>	
		• Root and stump grinding		<input type="radio"/>
		• Hedgerow clearance and rejuvenation	<input type="radio"/>	
	Forestry	• Grinding of logging residues	<input type="radio"/>	
		• Timber log handling		
		• Maintenance of green area, small trees and brush	<input type="radio"/>	
		• Creation and upkeep of woodland corridors and firebreaks	<input type="radio"/>	
		• Tree clearing	<input type="radio"/>	
		• Vegetation clearing	<input type="radio"/>	
		• Branch clearing	<input type="radio"/>	

IMH

Mulching Heads

The result of Indeco technological research, the IMH mulchers are studied down to the last detail to guarantee the maximum in terms of strength, efficiency and productivity.

The multiple V-belt drive **|1|** guarantees maximum reliability, power and ease of maintenance. Direct drive models are also available.

The hydraulic motor **|2|** can have fixed or variable displacement depending on the models. The high performance FD fixed displacement motor (gear on some models, piston on others) has special high pressure resistant seals and is capable of accepting back pressures. The VD variable displacement piston motor, only currently in use on some versions, adapts more to the various hydraulic specifications of the machines, minimises overheating by improving pick-up, optimises torque and rotor speed and maximises productivity.

The particular design of the teeth and of the relative holder **|3|** is designed for maximum productivity and robustness. The body and components in HARDOX® **|4|** ensure maximum sturdiness and long service life, even when used in particularly heavy-duty applications.

The Heavy Duty rotor **|5|** ensures prolonged efficiency over time, in any type of application.

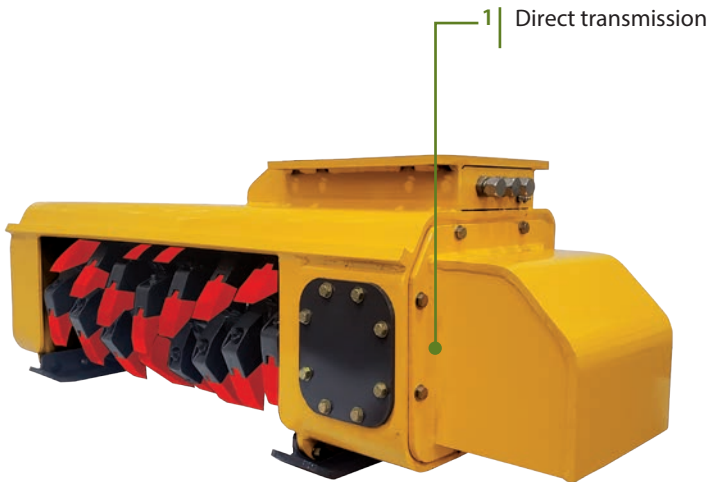
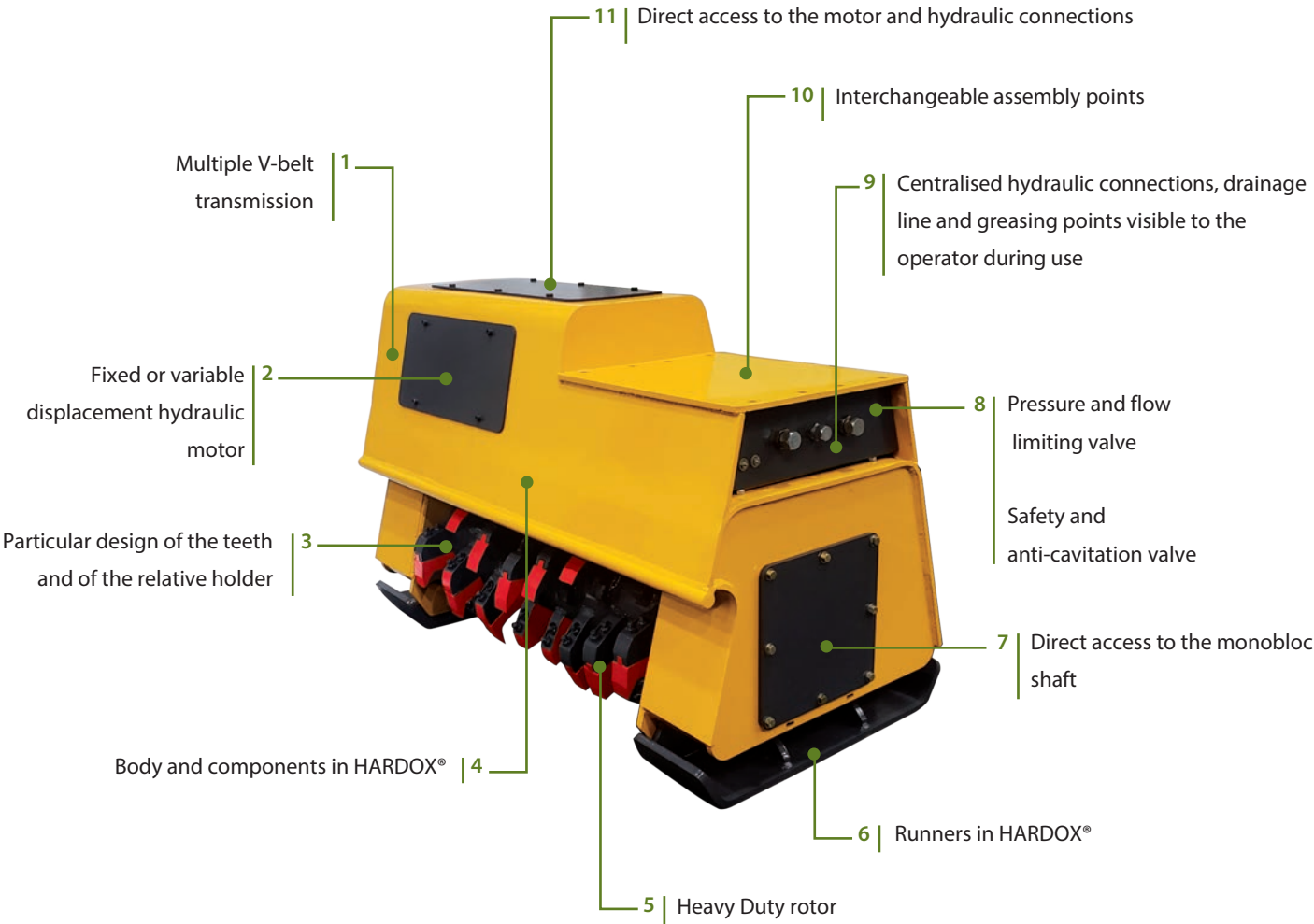
The runners in HARDOX® **|6|** offer effective protection for those parts subject to wear.

Direct access to the monobloc shaft **|7|** helps to keep the mulching head perfectly efficient, facilitating maintenance operations on the bearings and components of the shaft itself.

The pressure and flow limiting valve **|8|** allows safe and fast installation, preventing incorrect set-ups from compromising productivity and the life of the mulching head. The safety and anti-cavitation valve protects the motor from possible incorrect connection of the pipes and therefore from unexpected flow reversals, extending the life of the seals.

The centralised hydraulic connections, the drainage line and the greasing points **|9|** are visible to the operator during use thereby allowing constant checking of correct functioning of the tool.

The interchangeable assembly points **|10|** allow maximum flexibility of use with any excavator. Direct access to the motor and hydraulic connections **|11|** facilitates maintenance interventions.



IMH

for compact excavators



Technical Data	IMH 5	IMH 6	IMH 8
Type of carrier	134	134	134
Cutting width	30 in	30 in	30 in
GPM range	12 ÷ 18 gpm	16 ÷ 24 gpm	18 ÷ 27 gpm
Number of teeth	14	14	14
Drum diameter	8 in	8 in	8 in
Fixed FD / variable VD displacement motor specifications	Gears FD	Gears FD	Piston FD
Transmission	Direct	Direct	Direct
Working pressure	3000 ÷ 4000 psi	3000 ÷ 4000 psi	3000 ÷ 4000 psi
Attachment operating weight*	1180 lbs	1220 lbs	1310 lbs
Excavator weight	5 ÷ 10 tons	6 ÷ 12 tons	8 ÷ 15 tons

*The attachment operating weight includes mounting bracket compatible with Indeco construction standards. Any differences in weight may be due to a different mounting bracket configuration.



Technical Data	IMH 10	IMH 12
Type of carrier	134	134
Cutting width	38 in	41 in
GPM range	18 ÷ 27 gpm	23 ÷ 32 gpm
Number of teeth	39	39
Drum diameter	8 in	8 in
Fixed FD / variable VD displacement motor specifications	Piston FD	Piston FD
Transmission	Direct	Direct
Working pressure	3500 ÷ 5000 psi	3500 ÷ 5000 psi
Attachment operating weight*	1620 lbs	2310 lbs
Excavator weight	10 ÷ 18 ton s	12 ÷ 20 tons

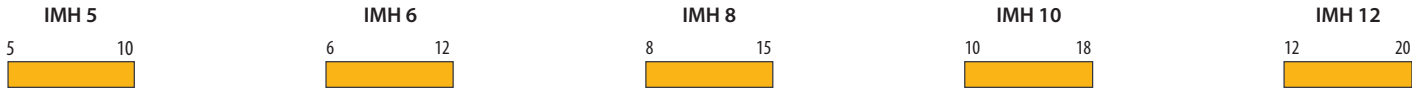
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Carrier key



Compatibility

Suggested uses on machines with an overall weight (in tons):



IMH for excavators



Technical Data	IMH 15	IMH 19
Type of carrier	4 5	5
Cutting width	40 in	40 in
GPM range	25 ÷ 40 gpm	36 ÷ 50 gpm
Number of teeth	42	40
Drum diameter	12 in	12 in
Fixed FD / variable VD displacement motor specifications	Piston VD	Piston VD
Transmission	Belt	Belt
Working pressure	3500 ÷ 5000 psi	3500 ÷ 5000 psi
Attachment operating weight*	3300 lbs	3400 lbs
Excavator weight	15 ÷ 25 tons	19 ÷ 30 tons

*The attachment operating weight includes mounting bracket compatible with Indeco construction standards. Any differences in weight may be due to a different mounting bracket configuration.



Technical Data	IMH 28
Type of carrier	5
Cutting width	50 in
GPM range	50 ÷ 70 gpm
Number of teeth	48
Drum diameter	18 in
Fixed FD / variable VD displacement motor specifications	Piston FD
Transmission	Belt
Working pressure	3500 ÷ 5000 psi
Attachment operating weight*	4600 lbs
Excavator weight	28 ÷ 45 tons

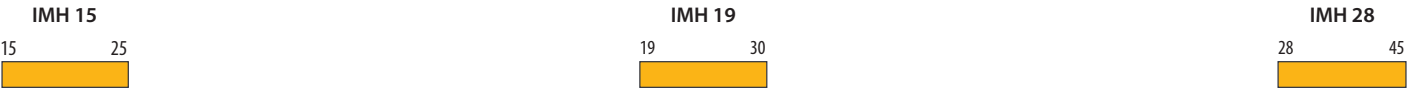
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Carrier key



Compatibility

Suggested uses on machines with an overall weight (in tons):



IMH for Skid Steers



Technical Data	IMH 3.5 SS
Type of carrier	2
Cutting width	57 in
GPM range	25 ÷ 40 gpm
Number of teeth	46
Drum diameter	8 in
Fixed FD / variable VD displacement motor specifications	Piston VD
Transmission	Belt
Working pressure	3500 ÷ 5000 psi
Attachment operating weight*	2530 lbs
Excavator weight	3.5 ÷ 6 tons

*The attachment operating weight includes mounting bracket compatible with Indeco construction standards. Any differences in weight may be due to a different mounting bracket configuration.

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Carrier key

1

2

3

4

5

Compact excavator

Miniloader

Backhoe loader

Wheeled excavator

Tracked excavator

Compatibility

Suggested uses on machines with an overall weight (in tons):

IMH 3.5 SS



IMH SG

Stump Grinders

When the going gets tough, it's time for the tough to enter the field. The IMH SG stump grinders are ideal tools to complete deforestation operations after cutting down tall trees. In fact, after the felling of a tree it may be necessary to remove the stump of plants that has remained in the ground for reasons of aesthetics or safety, in particular to counteract the phenomenon of soil erosion. With use of the stump grinder, both the costs associated with this removal and the relative price for disposal are reduced as well as feeding the deforested land with the shavings of the milled stump. Available in two different models for machines from 16 to 45 tons, they guarantee ease of use and maximum effectiveness in mulching operations.



Technical Data	IMH SG16	IMH SG20
Type of carrier	45	45
GPM range	25 ÷ 40 gpm	40 ÷ 60 gpm
Number of teeth	40	12
Fixed FD / variable VD displacement motor specifications	Piston FD	Piston FD
Transmissions	Belt	Belt
Working pressure	3500 ÷ 5000 psi	3000 ÷ 5000 psi
Attachment operating weight*	1850 lbs	1850 lbs
Excavator weight	16 ÷ 25 tons	20 ÷ 45 tons

*The attachment operating weight includes mounting bracket compatible with Indeco construction standards. Any differences in weight may be due to a different mounting bracket configuration.

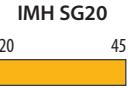
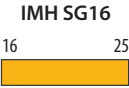
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Carrier key



Compatibility


Suggested uses on machines with an overall weight (in tons):




Appetite guide

The Indeco IMH hydraulic mulching heads allow the quick and lasting removal of unwanted vegetation of all types, including bushes, shrubs, trunks, roots and tree stumps after cutting. The data below refer to the maximum mulching diameter for each model under normal conditions. The data may vary in relation to factors such as the hardness of the wood, the type and state

of the cutters on the machine cylinder, the characteristics of the excavator and the competence of the operator. Correct maintenance is also essential for optimal performance of the mulching head.

IMH for compact excavators	IMH 5	IMH 6	IMH 8	IMH 10	IMH 12
 Maximum mulching diameter	4-6 in	4-6 in	4-6 in	5-7 in	10-15 in

IMH for excavators	IMH 15	IMH 19	IMH 28
 Maximum mulching diameter	12-15 in	12-15 in	18 in

IMH for Skid Steers	IMH 3.5 SS
 Maximum mulching diameter	8-10 in

The cutters

Multi-purpose cutter

A heavy duty tool recommended for all types of mulching applications. It is highly productive for the mulching of shrubs, small-diameter tree trunks, bushes and branches. The operator is ensured an excellent combination of productivity and longevity of the high-performance cutter.



Cobra cutter

A forest mulching tool for extremely heavy duty use, recommended for work in more demanding applications in the case of the prevalent presence of harder long-fibre woods, stumps external to the ground and larger diameter tree trunks. The initial surface of the smaller cutter facilitates deeper penetration, while the various lateral profiles of the tool facilitate yielding of the wood fibres and contribute to preventing possible slowing in mulching thicker logs.



Cutter with Tungsten Carbide

Tool with apical insert in Tungsten Carbide for use in special applications, where there is a greater presence of buried stumps, uneven ground, sand, debris or other hard and abrasive materials that could cause the premature wear of traditional steel tools. The Tungsten Carbide cutter is also recommended in applications where a finer mulch is required.



Applications

Land clearing

IMH Mulching Heads are the perfect tools for clearing, cleaning up and periodically maintaining areas subject to becoming overgrown by vegetation. These can include pipelines, railway lines, ski slopes, electricity pylons and highways, as well as residential and commercial green areas. Powerful and easy to handle, they make it possible to take action quickly and efficiently, ensuring optimum results with minimum effort.

Forestry

Enjoying nature means first of all making it accessible, shaping it to our needs, making sure that it can develop properly.

IMH Mulching Heads are useful tools for jobs involving green area maintenance, undergrowth clearance, firebreak creation and upkeep, as well as tree, brush, vegetation and branch clearing.

Gardening & Landscaping

IMH Mulching Heads and SG Stump Grinders are ideal tools in special applications involving reshaping the landscape such as golf course creation and upkeep, hedgerow rejuvenation, as well as stump, root and logging residue removal.



The full range of other Indeco products

Products			Weight			Products			Weight			Products			Weight		
IFP	8	X			1650 lbs	IHC	50			450 lbs	ISS***	20/30			8030 lbs		
IFP	13	X			2900 lbs	IHC	70			1000 lbs	ISS***	25/40			10560 lbs		
IFP	19	X			4000 lbs	IHC	75			1100 lbs	ISS***	30/50			13420 lbs		
IFP	28	X			6200 lbs	IHC	150			2150 lbs	ISS***	35/60			16720 lbs		
IFP	35	X			7600 lbs	IHC	250			2850 lbs	ISS***	45/90			22880 lbs		
IFP	45	X			10050 lbs	IHC R	50			950 lbs	IMH	5			1180 lbs		
IRP	5	X			1300 lbs	IHC R	70			1400 lbs	IMH	6			1220 lbs		
IRP	11	X			2550 lbs	IHC R	75			1500 lbs	IMH	8			1310 lbs		
IRP	18	X			3750 lbs	IHC R	150			2650 lbs	IMH	10			1620 lbs		
IRP	23	X			5100 lbs	IHC R	250			3350 lbs	IMH	12			2310 lbs		
IRP	29	X			6500 lbs	IMG S**	400			850 lbs	IMH	15			3300 lbs		
IRP	36	X			7950 lbs	IMG S**	600			1300 lbs	IMH	19			3400 lbs		
IRP	45	X			9900 lbs	IMG S**	1200			2550 lbs	IMH	28			4600 lbs		
IMP*	15				3300 lbs	IMG S**	1700			3550 lbs	IMH	3.5 SS			2530 lbs		
IMP*	20				4600 lbs	IMG S**	2300			4800 lbs	IMH	SG16			1850 lbs		
IMP*	25				5300 lbs	IMG S**	2800			5850 lbs	IMH	SG20			1850 lbs		
IMP*	35				7700 lbs	ISS***	5/7			1250 lbs							
IMP*	45				9900 lbs	ISS***	10/20			5280 lbs							

*Crusher configuration - **Sorter configuration - ***Third-member configuration

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