

# Harvester heads



The right head for the job



# Creating value together

The forestry industry supplies valuable materials that benefit us all. From construction components for homes and fences, through to packaging for parcels and the pages of our kids' bedtime story books, the materials even provide energy to heat our homes.

As a raw material, wood also plays an important role in the transition from fossil-based materials to more renewable alternatives. And it is your hard work that makes all this possible, so thank you!

We want to be a partner you can trust when creating these values. Komatsu has stood by your side for an entire century, offering unique quality, peace of mind, knowledge and support. Our way of working, from innovation to manufacturing, is distinguished by our partnership with you, our customers. Together, we create the solutions required to achieve a sustainable future for people, businesses and our planet.





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# Large trees, crooked stems or rugged buttresses?

Choosing the right harvester head is the key to efficient and sustainable forestry. With a wide selection designed for specific forest conditions, our harvester heads ensure optimal performance from initial thinning to the final logging of the largest trees. Tailored solutions for your unique needs make your work more efficient and profitable.

## Built for every forest

Every forest presents unique challenges, from dense undergrowth to towering trees. Our harvester heads are engineered to meet these demands, offering specialised solutions for various forest types. Whether you're working on early thinning or tackling the largest trees, you'll find a head designed to perform.

## Two classes, endless possibilities

**C-Class:** High productivity with low energy consumption, ideal for efficient operations.

**S-Class:** A robust, simple design built to withstand the most challenging forest environments.

Each class is designed with service-friendliness in mind, so you can spend less time maintaining your equipment and more time harvesting.

## Tailored to your needs

We offer a range of options to further customise our heads to your specific requirements. Whether it's adapting to unique tree species or optimising for local conditions, our solutions are designed to support your success in the forest.





## Genuine Parts - Keeping your Komatsu truly Komatsu

Genuine Parts are carefully chosen to meet Komatsu's quality standards. We offer original spare parts, accessories, and equipment designed specifically for your Komatsu machine, as well as workwear and accessories. Each part is developed to work seamlessly with your machine, ensuring reliability and a longer machine life. By choosing genuine parts, you help keep your Komatsu running smoothly for years to come.

Quick access to the right parts is key to maintaining productivity. Our efficient logistics and well-placed warehouses, including a central hub near Stockholm, ensure fast deliveries when you need them most.



Scan the QR code  
for all spare parts  
and accessories

# C class – enhancing productivity in every task

When it comes to harvesting, choosing the right head is key. Our C class heads offer a balanced combination of high productivity and low energy consumption. A variety of optional features is available, allowing you to tailor the head to suit your specific needs for a more efficient workday.

### **Innovative feed system**

The C class head concept is based on the stem being supported and centred by the feed rollers, ensuring an effective feed with extremely low friction. The feed rollers are designed for maximum grip without damaging the stem.

While this provides a powerful and effective feed system, the low friction also means lower energy consumption. A profitable innovation, in other words.

### **Constant Cut for the right cutting speed**

Constant Cut delivers a high and constant chain speed throughout the cutting cycle without the risk of overspeeding the saw motor.


This ensures an effective cutting cycle while increasing safety. Constant Cut also helps minimise problems with cracks when cutting.

We offer two bar lengths, with the choice depending on the type of forest you harvest.

### **Spend less time on service**

We have strived to make your head as service-friendly as possible so that you can spend more of your time on actual harvesting.

Each head has a fixed service position for both lubrication and fluid top-ups, giving you peace of mind that the head remains in the right position during service. Our heads also have centralised lubrication points for easy access. In short, these features maximise convenience.



# S class – dependable performance in any condition

In any harvesting situation, reliability is essential. Our S class heads are known for their simple, durable design that ensures consistent performance, even with crooked stems. With several options available, you can adapt the S head to better meet your unique harvesting requirements.

### Simple, proven design

Our S class head design is well suited to demanding forest environments. The design's smart hose routing and protected components ensure a robust and reliable head. Easy access to service points, the valve assembly and other important components make service and maintenance a breeze.

### Tailor to your needs

The S class design is flexible with many options for adapting the head to different types of harvesting. These options encompass everything from measuring and feed rollers to colour marking equipment, stump treatment and multi-tree handling. Certain S heads can also be equipped for harvesting eucalyptus.

### Effective feed

There are several reasons why the S class heads are so productive. The high tractive force is one, and Flex Friction Control, our knife control system, is another. The latter includes a sensor to ensure that the stem is always correctly positioned in the feed path. This ensures low friction and an effective feed without compromising delimiting quality.



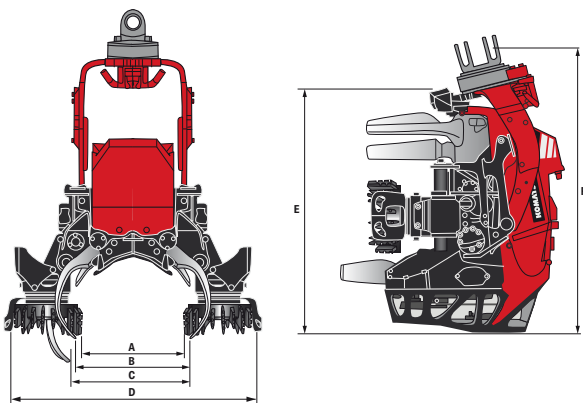
# Komatsu C93

Compact, efficient, and versatile

The Komatsu C93 is purpose-built for thinning dense forest stands. Its three-wheel feed system, supported by a belly roller, ensures smooth and efficient feeding, while the Constant Cut system and specialised feed roller design handle timber gently yet effectively.

The efficient hydraulic system reduces energy consumption, and a robust chassis with a large tilt angle enables rapid feed starts and minimises strain.

With optional multi-tree handling and highly accurate length measurement, the C93 delivers industry-leading performance and innovation for versatile thinning operations.

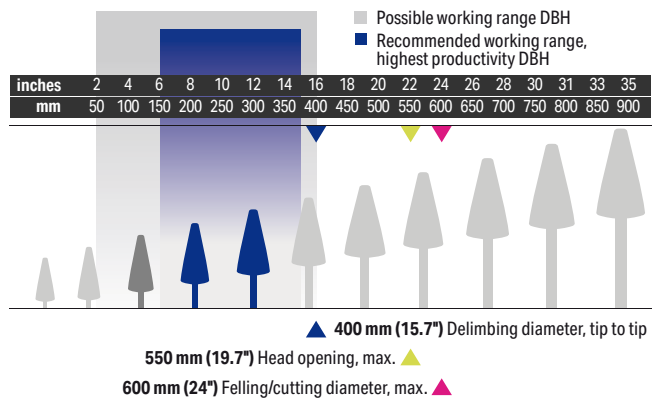


### Dimensions

A. Feed roller opening, max.	550 mm
B. Opening, front knives, max.	610 mm
C. Opening, front right knife/rear knife	675 mm
D. Width, max.	1,410 mm
E. Height to top knife	1,370 mm
F. Height including rotator	1,530 mm

NB: Refers only to one of several possible dimensional combinations and the head's weight is dependent on any optional equipment.

### Working range



### Technical data

Weight (dry weight)	from 1,020 kg
Feed speed	0-5 / 0-6 m/s
Feed force, gross (engine-dependent)	28.4 / 23.8 kN
Feed rollers, type	Steel rollers
Delimiting knives, max. number	4
Delimiting diameter, tip to tip	400 mm
Saw bar	64 cm or 75 cm
Saw motor	19 cm <sup>3</sup> /rev.
Felling/cutting diameter, max.	600 mm
Hydraulic flow, max. (engine-dependent)	305 / 290 l/min
Hydraulic pressure, max.	28 MPa

Technical data/dimensions vary depending on any optional equipment. Specifications and designs are subject to alteration without prior notice. Photos, diagrams and figures do not always show the standard configuration.

### Optional equipment

Standard and extra equipment are market dependent and vary between countries. Your sales representative has an up-to-date list of what is included.



Scan the QR code for more features and specifications

# Komatsu C124

Built to perform, day after day

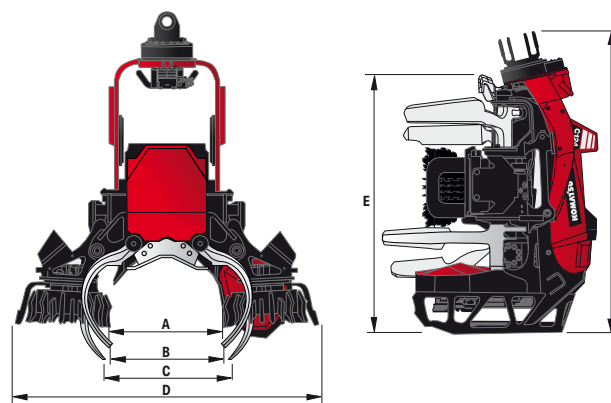
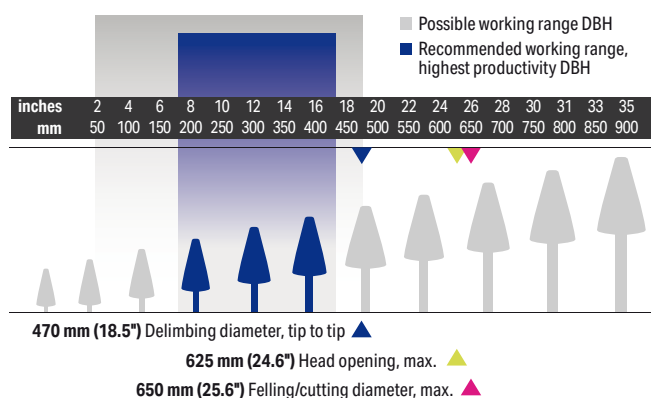
The Komatsu C124 is designed for high performance and durability. Its four-wheel feed system with two belly rollers delivers impressive feed force, while robust cast delimiting knives ensure a long service life.

The sturdy frame and four movable delimiting knives provide reliable stem holding and precise length measurement with high accuracy.

With a large tilt angle, the C124 excels even in steep terrain. Optional features like multi-tree handling and integrated working lights further enhance its versatility and productivity.



## Working range



## Technical data

Weight (dry weight)	from 1,240 kg
Feed speed	0-5/0-6.5 m/s
Feed force, gross (engine-dependent)	29.6/23.8 kN
Feed rollers, type	Steel
Delimiting knives, total	5
Delimiting diameter, tip to tip	470 mm
Saw bar	75 cm or 82.5 cm
Saw motor	19 cm <sup>3</sup> /rev.
Felling/cutting diameter, max.	650 mm
Hydraulic flow, max. (engine-dependent)	305 / 330 l/min
Hydraulic pressure, max.	28 MPa

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## Optional equipment

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## Dimensions

A. Feed roller opening, max.	670 mm
B. Opening, upper knives, max.	625 mm
C. Opening, lower knives, max.	700 mm
D. Width, max.	1 750 mm
E. Height to vertical knife	1 595 mm
F. Height including rotator	1 780 mm

NB: Refers only to one of several possible dimensional combinations and the head's weight is dependent on any optional equipment.

Scan the QR code for more features and specifications





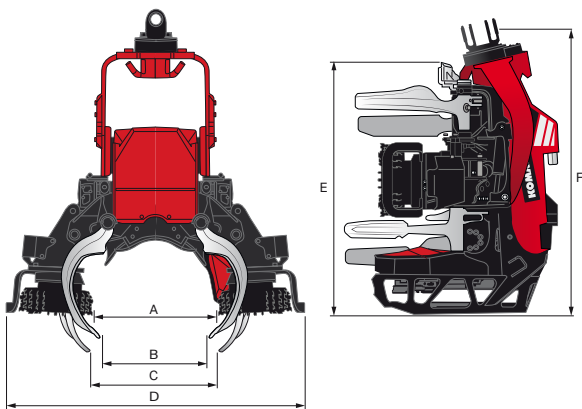
# Komatsu C144

## Reliability for tough conditions

The Komatsu C144 is built to tackle demanding harvesting environments with ease. Its four-wheel feed system, supported by two belly rollers, provides high feed force, while the optional Find End function resets length measurement without needing to cut the stem.

A large tilt angle allows for rapid feed starts and reduces strain on the chassis. Equipped with four hydraulic delimiting knives and optional multi-tree handling, the C144 is versatile, efficient, and reliable.

Optional integrated working lights ensure productivity, even in dark conditions.

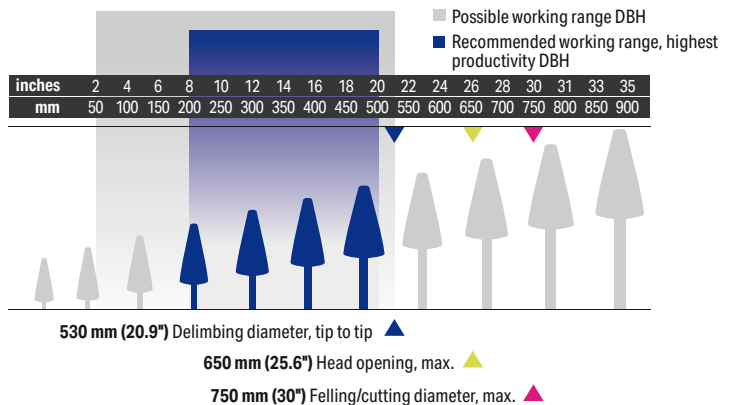


### Dimensions

A. Feed roller opening, max.	750 mm
B. Opening, front knives, max.	650 mm
C. Rear knives opening, max.	800 mm
D. Width, max.	1 823 mm
E. Height to top knife	1 579 mm
F. Height including rotator	1 810 mm

NB: Refers only to one of several possible dimensional combinations and the head's weight is dependent on any optional equipment.

### Working range



### Technical data

Weight (dry weight)	from 1 407 kg
Feed speed	0-5/0-6.5 m/s
Feed force, gross (engine-dependent)	29.6/ 23.8 kN
Feed rollers, type	Steel
Delimiting knives, max. number	5
Delimiting diameter, tip to tip	530 mm
Saw bar	82.5 / 90 cm
Saw motor	19 cm <sup>3</sup> /rev.
Felling/cutting diameter, max.	750 mm
Hydraulic flow, max. (engine-dependent)	320 / 330 l/min
Hydraulic pressure, max.	28 MPa

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### Optional equipment

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Scan the QR code for more features and specifications

# Komatsu C164

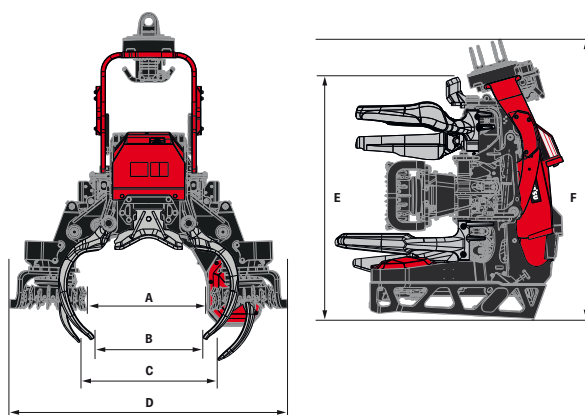
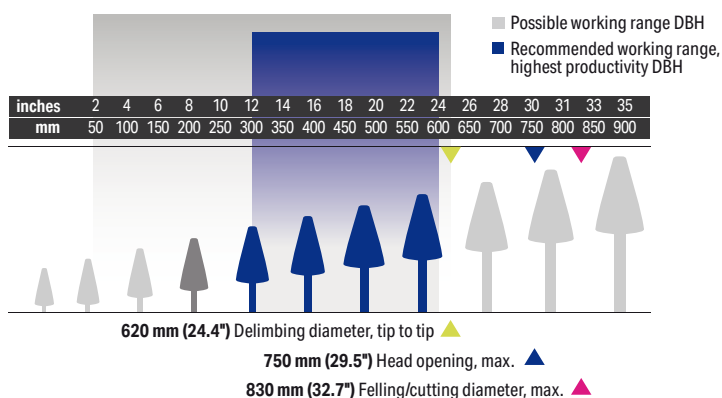
## Designed for large trees

The Komatsu C164 is a powerful and productive head designed for forests with large diameter ranges. Its four-wheel feed, combined with two belly rollers, ensures high feed force, while the Constant Cut system enhances cutting efficiency. Designed to handle large trees, rugged buttresses, and thick branches, the C164 is perfect for felling thick stems with a single cut.

The tilt lock function secures the head at the optimal angle, and the optional Find End resets length measurement without cutting the stem. With integrated working lights, movable top knife, and precise length measurement, the C164 simplifies work in challenging forests.



### Working range



### Technical data

Weight (dry weight)	from 1,672.5 kg
Feed speed	0–5 m/s
Feed force, gross (engine-dependent)	35.4 / 29.6 kN
Feed rollers, type	Steel
Delimiting knives, max. number	5
Delimiting diameter, tip to tip	620 mm
Saw bar	90 / 97 cm
Saw motor	19 cm <sup>3</sup> /rev.
Felling/cutting diameter, max.	830 mm
Hydraulic flow, max. (engine-dependent)	380 l/min
Hydraulic pressure, max.	28 MPa

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### Optional equipment

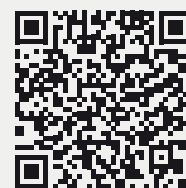
Standard and extra equipment are market dependent and vary between countries. Your sales representative has an up-to-date list of what is included.

### Dimensions

A. Feed roller opening, max.	850 mm
B. Opening, front knives, max.	750 mm
C. Rear knives opening, max.	950 mm
D. Width, max.	1 905 mm
E. Height to top knife	1 690 mm
F. Height including rotator	1 848 mm

NB: Refers only to one of several possible dimensional combinations and the head's weight is dependent on any optional equipment.

Scan the QR code for more features and specifications





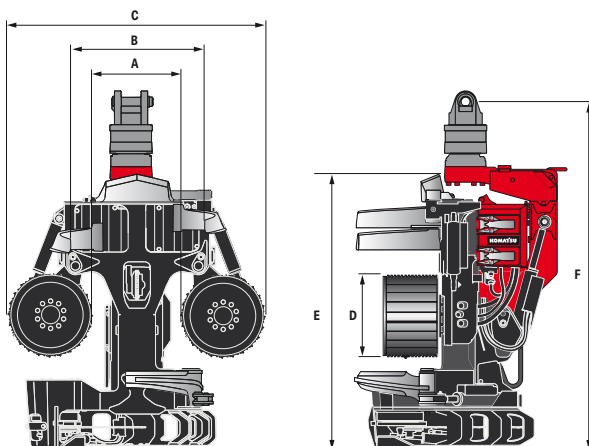
# Komatsu S82

Compact, efficient, and powerful

The Komatsu S82 is a nimble yet powerful head designed for thinning dense, challenging forest stands. Its two-wheel feed system provides smooth feeding, even with crooked stems, while the Constant Cut function delivers precise and reliable cutting.

The S82 features a robust build with smart hose routing that minimises downtime and simplifies maintenance.

With Flex Friction Control, automatic chain tensioning, and options like four-point measurement for improved accuracy and multi-tree handling for increased capacity, the S82 delivers high productivity in a compact package.



## Dimensions

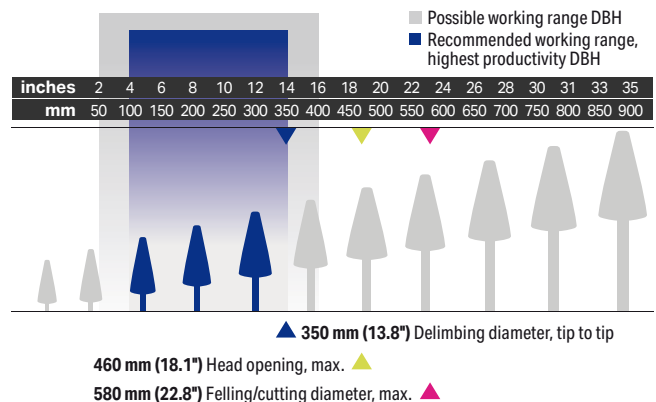
A. Feed roller opening, max.	460 mm
B. Opening, front knives, max.	517 mm
C. Opening, front right knife/rear knife, max.	532 mm
D. Width, max.	1,185 mm
E. Height to top knife	1,428 mm
F. Height incl. rotator	1,522 mm

NB: Refers only to one of several possible dimensional combinations and the head's weight is dependent on any optional equipment.



Scan the QR code for more features and specifications

## Working range



## Technical data

Weight (dry weight)	from 829 kg
Feed speed	0–5 m/s
Feed force, gross:	20.3 kN
Feed rollers, type	Steel
Delimiting knives, max. number	4
Delimiting diameter, tip to tip	350 mm
Saw bar	67 cm
Saw motor	19 cm <sup>3</sup> /rev.
Felling/cutting diameter, max.	580 mm
Hydraulic flow, max.	240 l/min
Hydraulic pressure, max.	28 MPa

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## Optional equipment

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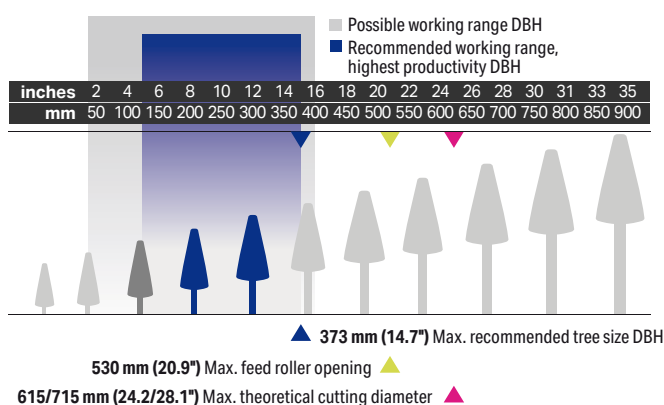
# Komatsu S92

## High productivity in any forest

The Komatsu S92 is a versatile all-round head built for maximum productivity and reliability in diverse forest conditions. Its two-wheel feed optimises feeding efficiency, even in challenging terrain. Equipped with four movable delimiting knives and a design that enhances stem holding, the S92 ensures precise and reliable performance.

The durable tilt link and rotator extend service life, while smart hose routing reduces downtime. Features such as Flex Friction Control, automatic chain tensioning, a robust measuring system with a contactless sensor, and optional multi-tree handling make the S92 a trusted choice for demanding forestry tasks.

### Working range



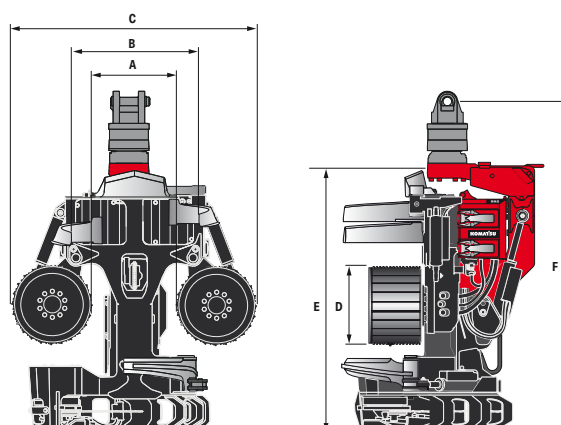
### Technical data

Weight (dry weight)	from 1018 kg
Feed speed	0–5,5 m/s
Feed force, gross (engine-dependent)	23,4/26,2 kN
Feed rollers, type	Steel
Delimiting knives, max. number	4
Delimiting diameter, tip to tip	373 mm
Saw bar	75/82 cm
Saw motor	19 cm <sup>3</sup> /rev.
Felling/cutting dia., max.	615/715 mm
Hydraulic flow, max.	240 / 280 l/min
Hydraulic pressure, max.	28 MPa

Technical data/dimensions vary depending on any optional equipment. Specifications and designs are subject to alteration without prior notice. Photos, diagrams and figures do not always show the standard configuration.

### Optional equipment

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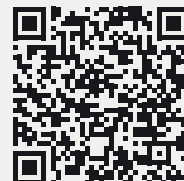


### Dimensions

A. Feed roller opening, max.	530 mm
B. Opening, front knives, max.	535 mm
C. Opening, front right knife/rear knife, max.	573 mm
D. Width, max.	1,382 mm
E. Height to top knife	1,474 mm
F. Height incl. rotator	1,873 mm

NB: Refers only to one of several possible dimensional combinations and the head's weight is dependent on any optional equipment.

Scan the QR code for more features and specifications



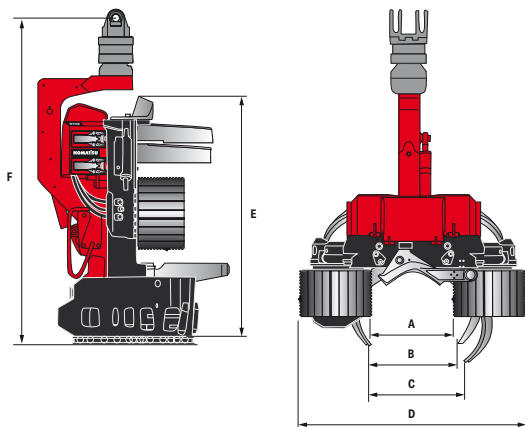


# Komatsu S132

Effective and reliable for final logging

The Komatsu S132 is a simple and effective head designed for final felling. Its two-wheel feed ensures optimal productivity across all forest types. With three hydraulically-operated delimiting knives and one movable top knife, the S132 delivers precise and efficient delimiting.

The large tilt angle of the felling link reduces strain when working in steep terrain, while the overall design simplifies service and maintenance. Smart hose routing and protected head components help minimise downtime. Additional features like automatic chain tensioning, as well as optional four-point measuring and multi tree handling, ensure high productivity and reliability, even in the most challenging conditions.

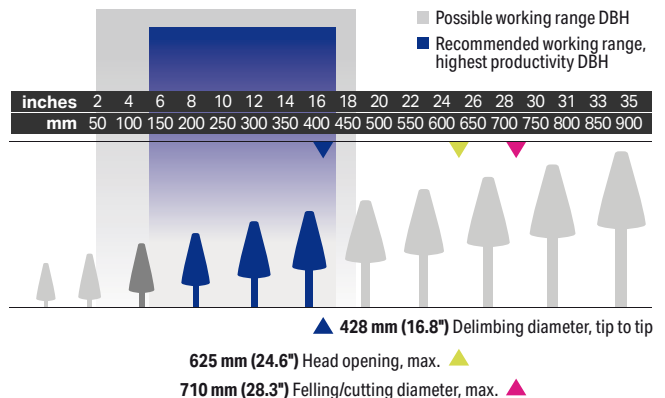


### Dimensions

A. Feed roller opening, max.	625 mm
B. Opening, front knives, max.	641 mm
C. Opening, front right knife/rear knife, max.	690 mm
D. Width, max.	1,689 mm
E. Height to top knife	1,696 mm
F. Height including rotator	2,170 mm

NB: Refers only to one of several possible dimensional combinations and the head's weight is dependent on any optional equipment.

### Working range



### Technical data

Weight (dry weight)	from 1,380 kg
Feed speed	0–5 m/s
Feed force, gross (engine-dependent)	21/26.1/28.7 kN
Feed rollers, type	Steel
Delimiting knives, max. number	4
Delimiting diameter, tip to tip	428 mm
Saw bar	82.5 cm
Saw motor	19 cm <sup>3</sup> /rev.
Felling/cutting diameter, max.	710 mm
Hydraulic flow, max. (engine-dependent)	330 l/min
Hydraulic pressure, max.	28 MPa

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### Optional equipment

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Scan the QR code for more features and specifications

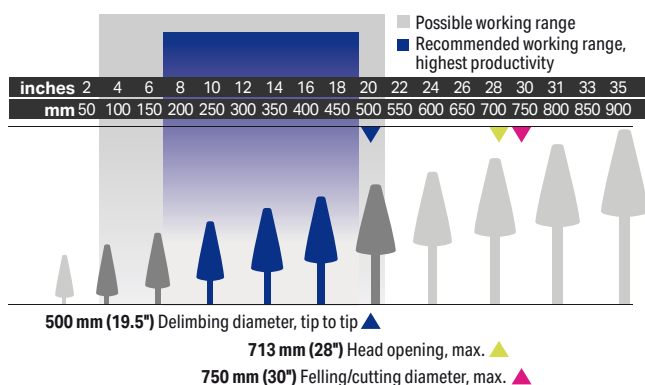
# Komatsu S172

## Reliable power for large trees

The Komatsu S172 is a robust and productive head, specially designed for handling large-diameter trees with ease. Its two-wheel feed system optimises productivity, even in demanding forests. While the three hydraulically operated delimiting knives and one movable top knife ensure precise delimiting.

The durable cast feed roller arms and smart hose routing minimise downtime and extend service life. Features such as Flex Friction Control, as well as optional chain tensioning and four-point measuring, enhance both reliability and performance. With several customisation options, the S172 is a dependable and versatile choice for challenging forestry operations.

### Working range



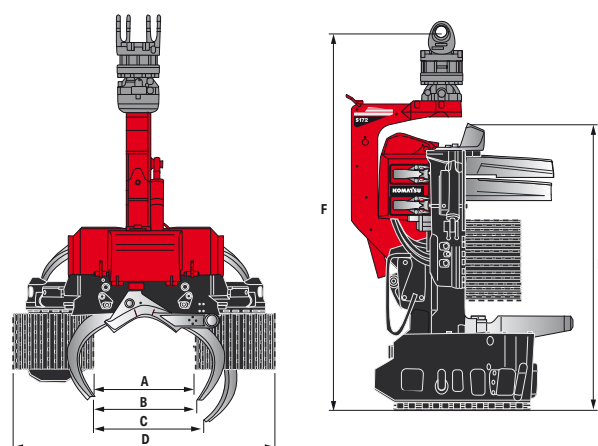
### Technical data

Weight (dry weight)	from 1,739 kg
Feed speed	0–5 m/s
Feed force, gross	40.2 kN
Feed rollers, type	Steel rollers
Delimiting knives, max. number	4
Delimiting diameter, tip to tip	500 mm
Saw bar	90 cm
Saw motor	19 cm <sup>3</sup> /rev.
Felling/cutting diameter	750 mm
Hydraulic flow, max.	300 l/min
Hydraulic pressure, max.	28 MPa

Technical data/dimensions vary depending on any optional equipment. Specifications and designs are subject to alteration without prior notice. Photos, diagrams and figures do not always show the standard configuration.

### Optional equipment

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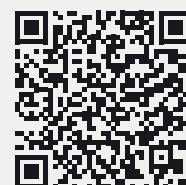


### Dimensions

A. Feed roller opening, max.	713 mm
B. Opening, front knives, max.	757 mm
C. Opening, front right knife/rear knife, max.	772 mm
D. Width, max.	1,937 mm
E. Height to top knife	1,776 mm
F. Height including rotator	2,222 mm

NB: Refers only to one of several possible dimensional combinations and the head's weight is dependent on any optional equipment.

Scan the QR code for more features and specifications



# Smart Forestry

What would it mean to you to always know the smartest route to the timber with the least impact on the forest and well away from waterlogged ground? To be able to prepare tomorrow's work from home so that the right information is available at the start of the working day? Or to be able to allow a service technician to connect to your machine remotely to help you?

Smart Forestry is a platform with development in focus – we are already working on the smart solutions of tomorrow. Smart Forestry gives you access to a collection of digital services that help make the workplace safe, smart, productive and sustainable – regardless of whether you have one or one hundred forest machines. You can keep track of your machines, collaborate with colleagues and make informed decisions based on facts. Smart Forestry currently encompasses three different applications, making it easy to find the best solution for you and your business.

Forestry **Fleet Monitoring** provides you with full control over your machines, the ability to plan harvesting assignments remotely and all the necessary remote control functions – including support.

Smart Forestry **Vision** enables you to work with information layers directly on the map, share information with other machines at the work site and view all production in real time.

Smart Forestry **Precision** gives you access to a new level of possibilities in the forest, with the precise position of the machine used for functions that simplify your working day in various ways.



## Which applications are right for you?

### Smart Forestry Fleet Monitoring

- ✓ Plan for better results
- ✓ Work from anywhere with ease
- ✓ Access all machine data in one place
- ✓ Compare fuel consumption and production
- ✓ Create monthly reports with ease
- ✓ Get remote support and updates

### Smart Forestry Vision

- ✓ Share information quickly and easily
- ✓ Collaborate seamlessly between operators
- ✓ Monitor production in real time
- ✓ Visualise boundaries and areas on the map
- ✓ Access vital information instantly
- ✓ Make informed decisions

### Smart Forestry Precision

- ✓ Facilitate work with precise positioning
- ✓ Navigate with realistic map conditions
- ✓ Work with precision in protected areas
- ✓ Follow pre-defined paths accurately
- ✓ Visualise tracks and progress
- ✓ Maximise work efficiency

Scan the QR code  
and get smart about  
Smart Forestry



# Komatsu harvester heads



**S82**

Specialised for high productivity thinning



**S92**

High productivity in light forest



**C93**

Compact, efficient, and versatile

## Working range

Weight (dry weight)	From 829 kg	From 1,018 kg	From 1,020 kg
Felling/cutting diameter, max.	580 mm	615/715 mm	600 mm
Delimiting diameter, tip to tip, max.	350 mm	373 mm	400 mm
Head opening, max	460 mm	530 mm	550 mm
Feed speed	0-5 m/s	0-5.5 m/s	0-5/ 0-6 m/s
Recommended working range, highest productivity DBH	100-350 mm	120-380 mm	150-370 mm

## Options

Multi-tree handling	✓	✓	✓
Integrated working lights			✓
Find End		✓	✓
Four point measurement	✓	✓	
Colour marking equipment	✓	✓	✓
Stump treatment equipment	✓	✓	✓



### C124

Built to perform,  
day after day



### S132

Effective and reliable  
for final logging



### C144

Reliability for  
tough conditions



### C164

Power for large  
-diameter trees



### S172

Reliable power  
for large trees

From 1,240 kg	From 1,380 kg	From 1,407 kg	From 1,672.5 kg	From 1,739 kg
650 mm	710 mm	750 mm	830 mm	750 mm
470 mm	428 mm	530 mm	620 mm	500 mm
625 mm	625 mm	650 mm	750 mm	713 mm
0-5/0-6.5 m/s	0-5 m/s	0-5/0-6.5 m/s	0-5 m/s	0-5 m/s
180-440 mm	140-440 mm	200-500 mm	300-600 mm	170-500 mm
✓	✓	✓		
✓		✓	✓	
✓	✓	✓	✓	✓
	✓			✓
✓	✓	✓	✓	✓
✓	✓	✓	✓	✓

Scan the QR code for all features and specifications:



**NOTE:** Standard and extra equipment are market dependent and vary between countries. Your sales representative has an up-to-date list of what is included.



**KOMATSU**

[komatsuforest.com](http://komatsuforest.com)