



Technical Guide

03333 202 555 | ardenthire.com





Ardent's game changing service is built on four pillars, which form both the founding principles of our company and our promise to each and every customer.

The Ardent Four Pillars

AVAILABILITY

One of the largest, youngest and best specified fleets in the UK

CAPABILITY

Dependable new machines that reduce downtime from breakdowns

Rapid response from our own large service team if breakdowns do occur

RELIABILITY

Highly experienced, knowledgeable experts throughout the company

Innovative, strategic solutions based on in-depth industry understanding

SUSTAINABILITY

A modern fuel-efficient fleet to lower your costs and your carbon footprint

All equipment Tier 4 compliant across the network



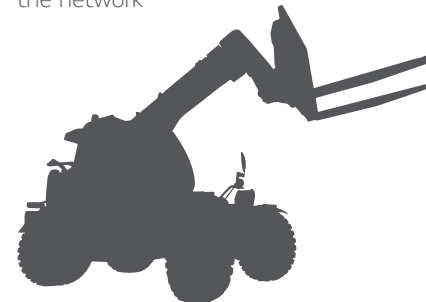
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Our Service



Wide range of top grade machinery, and a first class service



Our senior management team is one of the most experienced around. It's made up of industry experts and professionals from other service industries outside the construction sector. As a result, we've a unique understanding of customers' needs, and the expertise to deliver a comprehensive, end-to-end service.

- Experienced Staff
- Single point of contact Account Manager
- New machinery with an average age of 14 months offering better performance
- Flexible delivery system with over 27 delivery vehicles
- Fast service response time of under 2 hours
- Central service department making all operations more streamline
- Paperless electronic delivery system, sends instant delivery notes to yourselves and us, making invoice queries a thing of the past.

Safety



You never get a second chance to be safe

The welfare of workers is our top priority. Whether they're ours or yours makes no difference. Safety comes first. Always. As a consequence, we're continually working to improve safety standards. We are Achilles 'link up' approved.

When it comes to safety, we never rest. We're constantly making incremental improvements. Things like securing operating manuals with steel ties through to big advances such as our Emergency Remote Control Stop System (ERCS). We also make sure every machine has a LOLER lifting certificate placed in the cab, giving you peace of mind that it has been checked by a qualified engineer.

Safety, however, comes down to people. So we train all our drivers how to operate all the equipment and machinery they deliver. And most significantly, we'll visit your site to demonstrate to your people how to use equipment hired from us. This ensures your hire period is as safe as possible. What's more, safer plant hire equipment is more reliable and performs better, further reducing your breakdown costs.

We can provide the following

- White Noise Travel Alarms
- Fall Restraint System Railings
- Check Valves on Hydraulic Cylinders
- Height and Slew Restrictors
- Safe Load Indicators (SLIs)
- Zero Tail Excavators
- Rubber Tracks on Large Excavators
- Biodegradable Oil
- Diesel Particulate Filters
- Chalwyn Valves
- Rail Specification Machinery (trackside)
- Crossrail Approved Delivery Vehicles (FORS members)

Our Safety Process

- ✓ **Full valet**
Every piece of equipment is fully cleaned every time it returns to our depots
- ✓ **Pre-hire check**
Each machine is checked and pre-hire certificates are issued
- ✓ **Audit Trail**
Each machine carries its own history checklist so you can see when, where and by whom the machine was checked



Sustainability

At Ardent Hire Solutions, we have invested a lot of time and money into buying and providing the latest machines in the industry. All coming with the latest safety features, emission standards and technology, we run the youngest fleet in the UK.

Our machines offer power, performance and up to 34% fuel efficiency. 92% of our fleet comes with the latest 4i engines offering more efficient performance and reliability.



Reducing our Carbon Footprint

Reducing our fleet's carbon impact through technology driven efficiency.



Maintenance every
500
hours on all machines
replacing air, oil and
fuel filters



Latest transport
vehicles lowering
consumption by
15%



Complies with the
latest IIIB / 4i emission
standards



100%
of all company cars meet
latest emission standards



Improved emission
standards by
80%



Our entire fleet's average age
is just **14** months.

Our Excavator fleets
average age is **9** months.

Reducing energy & waste

Making more environmentally responsible choices with our energy, waste and water



83%
of all lights are LED
energy saving



Paperless invoicing
reducing around
60,000
sheets per year



Upgraded all our
depots to eco friendly
printers using
30%
less energy



We recycle approx.
4.5 tonnes
of paper & card per year



iPad
delivery and collection
system making entire
hire process paperless



We use oil heaters
in all our workshops
decreasing our
energy bill by
20%

Working towards a sustainable future

Ardent works closely with all our customers to help them to achieve their own sustainability goals.



Up to
34%
reduced fuel costs
per machine



100%
of our plant and
transport fleet
meet tier IIIB / 4i
emission standards



Replacement
programme every
3 years
means the latest
machines with the
latest engines



We help customers
reduce their paper
usage by sending all
damages, invoices,
statements, delivery
and collection notes
electronically



We work with
all our customers
to meet their
sustainability goals

Environment

We are keen to be green

Diesel Particulate Filter (DPF)

- Reduces the amount of particulate matter by over 95%
- Passive regeneration system automatically cleans DPF during working cycle
- No expensive filters to change
- No Fitter vans required to come out and change filters, resulting in reduced CO₂ impact

Lower noise levels

- Noise levels reduced by -5 dB
 - Automatic Engine Idle Shutdown will shut engine down when idling for specified period (between 1-60 minutes)
 - Engine speed control reduces revs by 100rpm when not under load
- Retro-Fit DPF**
- We can also retro fit DPF to any plant that is not Tier IIIB compliant

Clean emissions module

- Meets EU Stage IIIB/4i emission standards
- Uses Diesel Oxidation Catalyst (DOC) and integrated Diesel Particulate Filter (DPF)
- Less CO₂
- Less NO_x gases released into the atmosphere

Environmentally friendly

- Can run on bio-diesel up to 20% mixture
- Can run on bio-diesel up to 20% mixture
- Can run on bio-diesel up to 20% mixture
- Can run on bio-diesel up to 20% mixture

Up to **£280** savings per week
and up to **30%** more fuel



Innovation



Completely transparent
delivery and collection process



Ardent Hire has rolled out a new electronic delivery system for all delivery drivers. Each driver has been issued with a tablet computer which uses the mobile network to accurately capture information. This includes time, date, GPS, signature and images.

Key benefits

- ✓ Data is clearly captured and presented
- ✓ Reduces the amount of administration required
- ✓ Real time functionality making it completely transparent
- ✓ Easy and simple to use and no extra cost to our customers
- ✓ Integrates with inspHire which attaches the delivery/collection note to the contract
- ✓ Images, time and GPS stamps can be taken on site minimising queries

By converting to an electronic delivery system, we are able to save approximately 60,000 sheets of A4 paper per year, as well as significantly streamlining the back-office administration process.

Fuel Savings

Our new machines save you money
in fuel costs



Through our advanced telematic systems, we can track full utilisation and offer ways to run machines more efficiently. What's more,

98% of our fleet adheres to the latest tier IIIB / 4i emission standards meaning our fleet can save you up to 30% through fuel savings

A typical example of how much you can save:

Machine: Hitachi ZX350 LC-5

Class: 35t Excavators

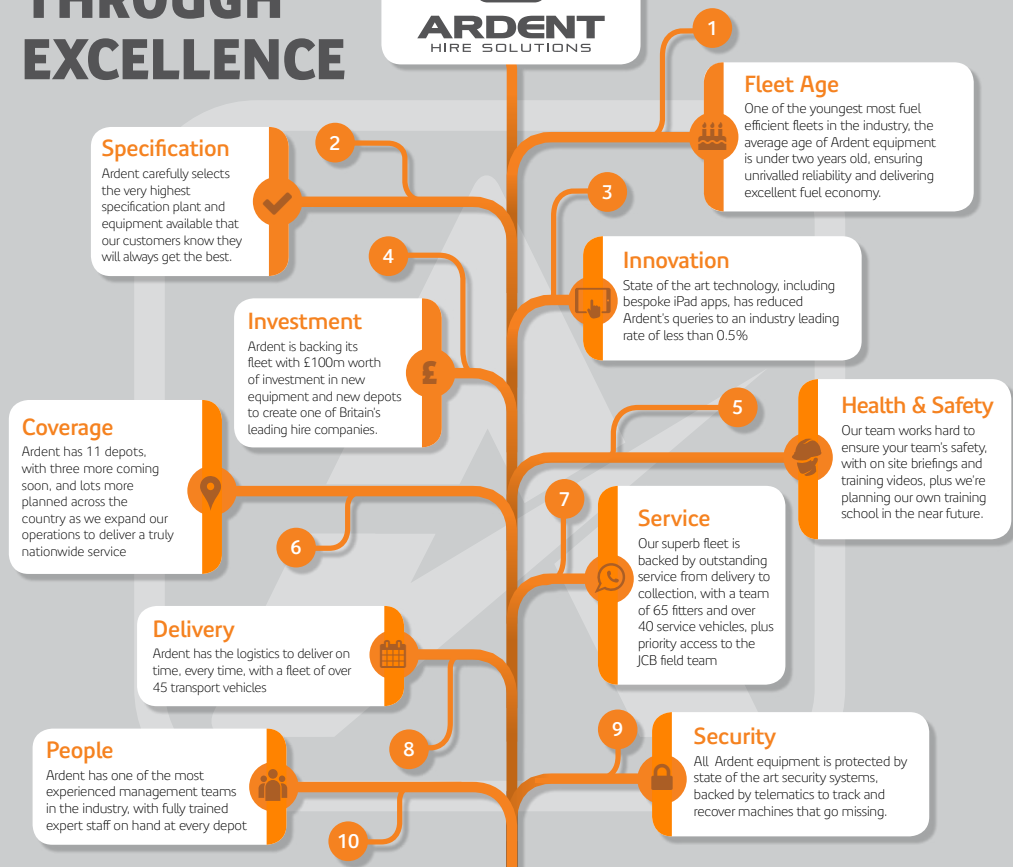


	Older	Tier IIIB/4i
L/h	30	25.5
Litres per week (45 h)	1350	1147.5
Litres per month	5400	4590
Cost @ £1.05 per litre	£5,670.00	£4,819.50

Equalling a 15% saving of
£850.50 per month.



GROWTH THROUGH EXCELLENCE



CAPABILITY

Ardent gives you access to decades of experience from some of the industry's leading names to create innovative, strategic hire solutions

RELIABILITY

Ardent has the resources to deliver what you need, when you need it, backed by unrivalled service and support

AVAILABILITY

Ardent offers availability you can count on, with over 5000 top spec plant assets to choose from, and more being added all the time

SUSTAINABILITY

Ardent is committed to sustainability, with the youngest fleet and the most efficient equipment in the industry

Security

Higher security, bigger savings

Security is a big issue for us, because we know it's a big issue for you. Each year in the UK, approximately £90 million worth of hire equipment is stolen, and only a mere 5% is recovered. That's a lot of firms with higher insurance premiums, greater disruption and more downtime.

Each quarter, we work with manufacturers developing new and improved security features. It means our machinery and equipment is among the most secure in the business. Therefore, our customers make fewer insurance claims.

Being at the forefront of industry security means we've been able to develop a two-prong attack towards criminals: prevention and reaction.

We install immobilisers on all our new vehicles. These prevent unauthorised use and loss of machinery and equipment.

Which in turn means you've less downtime, fewer expensive and lengthy insurance claims and no replacement costs. But if we're organised, so are criminals. Thefts can happen and when they do, it's how we react that's important.

All our new Mini, Midi and Large Excavators have trackers fitted as standard. We are also rolling this policy out to all new Telehandlers and Rollers. We can also fit trackers to other machinery. This gives us, and the Police, the ability to locate stolen equipment with pinpoint accuracy over the Internet, 24/7.

In short, working with us,
you're secure.

That's our promise.



Excavators Mini & Midi



Manual
Pulveriser



Breaker



Grapple



Digging
Grab



Auger



Compactor
Plate



Check
Valves



Fork
Attachment



GPS Security Included
Added peace of mind



Environmentally Friendly
Less fuel, Less CO₂

0.9t Micro



Weight:	
980 kg	
Length:	
2,750 mm	
Width:	
860 mm	
Height:	
2,230 mm	
Max Digging Depth:	
1,720 mm	
Max Reach:	
3,070 mm	
Max Cutting Height:	
2,870 mm	

1.5t Mini



Weight:	
1,570 – 1,979 kg	
Length:	
3,450 – 3,790 mm	
Width:	
950 – 1,280 mm	
Height:	
2,300 – 2,400 mm	
Max Digging Depth:	
2,200 – 2,370 mm	
Max Reach:	
3,810 – 4,080 mm	
Max Cutting Height:	
3,660 – 3,690 mm	

2.5t Mini



Weight:	
2,600 kg	
Length:	
4,270 mm	
Width:	
1,400 mm	
Height:	
2,410 mm	
Max Digging Depth:	
2,490 mm	
Max Reach:	
4,480 mm	
Max Cutting Height:	
4,360 mm	

3t Mini



Weight:	
2,600 kg	
Length:	
4,270 mm	
Width:	
1,400 mm	
Height:	
2,410 mm	
Max Digging Depth:	
2,490 mm	
Max Reach:	
4,480 mm	
Max Cutting Height:	
4,360 mm	

3t Zero Tail Mini



Weight:	
2,530 – 3,375 kg	
Length:	
3,970 – 5,039 mm	
Width:	
1,450 – 1,550 mm	
Height:	
2,460 – 2,530 mm	
Max Digging Depth:	
2,890 – 3,015 mm	
Max Reach:	
4,920 – 4,994 mm	
Max Cutting Height:	
4,350 – 4,604 mm	

5t Zero Tail Mini



Weight:	
4,625 – 5,340 kg	
Length:	
5,135 – 5,520 mm	
Width:	
960 – 2,000 mm	
Height:	
2,540 – 2,600 mm	
Max Digging Depth:	
3,550 – 3,900 mm	
Max Reach:	
5,800 – 6,250 mm	
Max Cutting Height:	
5,440 – 5,880 mm	

6.0t Zero Tail Mini



Weight:	
5,325 – 5,990 kg	
Length:	
5,460 – 5,790 mm	
Width:	
1,990 – 2,000 mm	
Height:	
2,560 – 2,640 mm	
Max Digging Depth:	
3,730 – 4,120 mm	
Max Reach:	
6,110 – 6,560 mm	
Max Cutting Height:	
5,890 – 6,190 mm	

8t Zero Tail Midi



Weight:	
8,065 – 8,430 kg	
Length:	
6,440 – 6,720 mm	
Width:	
2,270 – 2,320 mm	
Height:	
2,690 – 2,950 mm	
Max Digging Depth:	
4,590 – 4,675 mm	
Max Reach:	
6,790 – 7,480 mm	
Max Cutting Height:	
7,070 – 7,300 mm	

8t Wheeled Midi



Weight:	
7,905 kg	
Length:	
6,320 mm	
Width:	
2,330 mm	
Height:	
2,970 mm	
Max Digging Depth:	
4,055 mm	
Max Reach:	
6,700 mm	
Max Cutting Height:	
4,765 mm	

9t Zero Tail Midi



Weight:	
8,225 – 8,900 kg	
Length:	
6,410 – 7,210 mm	
Width:	
2,270 – 2,320 mm	
Height:	
2,590 – 2,690 mm	
Max Digging Depth:	
4,130 – 4,730 mm	
Max Reach:	
6,960 – 7,700 mm	
Max Cutting Height:	
6,810 – 7,180 mm	

Large Excavators & Dozers



Manual
Pulveriser



Breaker



Grapple



CVs
Check
Valves



Digging
Grab



Auger



Compactor
Plate



Fork
Attachment



GPS Security Included
Added peace of mind



Environmentally Friendly
Less fuel, Less CO₂

14t Excavator



Weight:	
13,000 - 14,900 kg	
Length:	
7,610 - 7,670 mm	
Width:	
2,690 mm	
Height:	
2,740 - 2,830 mm	
Max Digging Depth:	
6,040 - 6,060 mm	
Max Reach:	
8,620 - 8,790 mm	
Max Cutting Height:	
8,700 - 8,900 mm	

14t Reduced Tail



Weight:	
14,300 - 14,600 kg	
Length:	
7,380 - 7,510 mm	
Width:	
2,690 mm	
Height:	
2,780 - 3,070 mm	
Max Digging Depth:	
5,980 - 6,020 mm	
Max Reach:	
8,780 - 8,850 mm	
Max Cutting Height:	
9,550 - 9,630 mm	

14t VAB



Weight:	
14,050 kg	
Length:	
7,260 mm	
Width:	
2,960 mm	
Height:	
2,950 mm	
Max Digging Depth:	
5,262 mm	
Max Reach:	
8,300 mm	
Max Cutting Height:	
9,340 mm	

22t Excavator



Weight:	
21,300 - 22,200 kg	
Length:	
9,440 - 9,520 mm	
Width:	
2,990 - 3,080 mm	
Height:	
2,950 - 3,025 mm	
Max Digging Depth:	
6,600 - 6,670 mm	
Max Reach:	
9,870 - 9,990 mm	
Max Cutting Height:	
9,400 - 10,040 mm	

24t Reduced Tail



Weight:	
22,225 - 24,100 kg	
Length:	
8,850 - 9,070 mm	
Width:	
3,090 mm	
Height:	
2,950 - 3,025 mm	
Max Digging Depth:	
6,570 - 6,700 mm	
Max Reach:	
9,880 - 10,010 mm	
Max Cutting Height:	
9,600 - 10,980 mm	

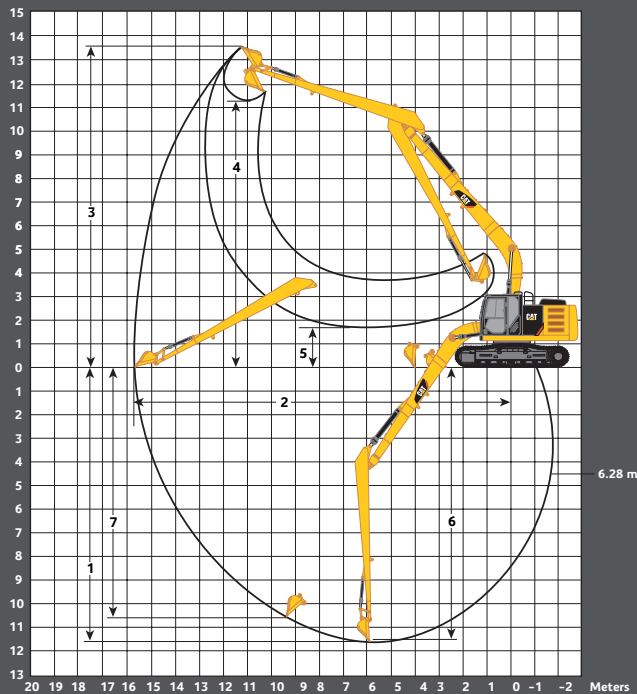
35t Excavator



Weight:	
34,700 kg	
Length:	
11,220 mm	
Width:	
3,190 mm	
Height:	
3,270 mm	
Max Digging Depth:	
7,380 mm	
Max Reach:	
11,100 mm	
Max Cutting Height:	
10,360 mm	



Meters



24t 15m Long Reach



Weight:

23,500 kg

Length:

12,750 mm

Width:

3,170 mm

Height:

3,240 mm

Max Digging Depth:

11,690 mm

Max Reach:

15,720 mm

Max Cutting Height:

13,950 mm



47t Excavator



Weight:

48,100 kg

Length:

11,910 mm

Width:

3,770 mm

Height:

3,480 mm

Max Digging Depth:

7,770 mm

Max Reach:

12,060 mm

Max Cutting Height:

11,060 mm



JCB 3CX



Weight:

8,070 kg

Length:

5,620 mm

Width:

2,350 mm

Height:

3,610 mm

Max Digging Depth:

5,460 mm

Max Reach:

6,520 mm

Max Cutting Height:

6,350 mm



D6 Dozer



Weight:

21,148 kg

Length:

2,860 mm

Width:

2,440 mm

Height:

3,126 mm



Dumpers

Straight & Swivel

Wheeled dumpers ranging from 1t to 10t with swivel tip available and Tracked Dumpers



Light Kit



Road Tax (VED)



Forward Facing Camera



Swivel Tip



GPS Security Included
Added peace of mind



1t Skip Loader



Unladen Weight:

1,165 – 1,440 kg

Length:

2,959 – 3,080 mm

Width:

1,115 – 1,180 mm

Height:

1,745 – 1,850 mm

Payload:

1000 kg

Skip Capacity:

500 – 577 litre

Manual/Hydrostatic/Powershuttle:
Hydrostatic

3t Straight Dumper



Unladen Weight:

3,000 kg

Length:

3,755 mm

Width:

1,950 mm

Height:

2,680 mm

Payload:

3,000 kg

Skip Capacity:

1,250 litres

Manual/Hydrostatic/Powershuttle:
Manual

3t Swivel Dumper



Unladen Weight:

2,550 – 2,780 kg

Length:

3,790 – 4,075 mm

Width:

1,745 – 1,860 mm

Height:

1,860 – 2,013 mm

Payload:

3,000 – 3,500 kg

Skip Capacity:

1,700 – 1,870 litres

Manual/Hydrostatic/Powershuttle:
Manual & Hydrostatic

6t Straight Dumper



Unladen Weight:

6,000 kg

Length:

4,320 mm

Width:

2,350 mm

Height:

2,910 mm

Payload:

6,000 kg

Skip Capacity:

1,950 litres

Manual/Hydrostatic/Powershuttle:
Manual

6t Swivel Dumper



Unladen Weight:

4,255 – 4,320 kg

Length:

4,590 – 4,835 mm

Width:

2,095 – 2,280 mm

Height:

2,160 – 2,340 mm

Payload:

6,000 kg

Skip Capacity:

3,150 – 3,500 litres

Manual/Hydrostatic/Powershuttle:
Powershuttle

6t Tracked Dumper



Unladen Weight:

9,200 kg

Length:

5,300 mm

Width:

2,240 mm

Height:

2,900 mm

Skip Capacity:

10,000 kg

Manual/Hydrostatic/Powershuttle:
Hydrostatic

9t Straight Dumper



Unladen Weight:

4,770 – 4,880 kg

Length:

4,330 – 4,520 mm

Width:

2,500 mm

Height:

2,320 – 2,532 mm

Payload:

9,000 kg

Skip Capacity:

4,560 – 4,700 litres

Manual/Hydrostatic/Powershuttle:
Powershuttle

10t Straight Dumper



Unladen Weight:

4,780 kg

Length:

4,520 mm

Width:

2,500 mm

Height:

2,320 mm

Payload:

10,010 kg

Skip Capacity:

4,850 litres

Manual/Hydrostatic/Powershuttle:
Powershuttle

10t Swivel Dumper



Unladen Weight:

4,990 kg

Length:

4,990 mm

Width:

2,440 mm

Height:

2,550 mm

Payload:

10,010 kg

Skip Capacity:

5,944 litres

Manual/Hydrostatic/Powershuttle:
Powershuttle



Telehandlers

4m to 20m



Power
Brush



Lifting
Bracket



Loading
Bucket



Fork Mounted
Skip



Fork
Attachment



Road Tax
(VED)



Environmentally Friendly
Less fuel, Less CO₂



GPS Security Included
Added peace of mind

4 metre



Weight:

4,400 kg

Length:

3,380 mm

Width:

1,560 mm

Height:

1,970 mm

Max Lifting Height:

4,035 mm

Max Lifting Weight:

2,000 kg

5 metre



Weight:

4,870 – 5,500 kg

Length:

3,590 – 3,900 mm

Width:

1,840 – 2,000 mm

Height:

2,100 – 2,120 mm

Max Lifting Height:

5,000 – 5,300 mm

Max Lifting Weight:

2,000 – 2,400 kg

9.5 metre



Weight:

8,160 kg

Length:

4,990 mm

Width:

2,290 mm

Height:

2,490 mm

Max Lifting Height:

9,500 mm

Max Lifting Weight:

3,500 kg

10.5 metre



Weight:

8,650 kg

Length:

4,990 mm

Width:

2,290 mm

Height:

2,490 mm

Max Lifting Height:

10,200 mm

Max Lifting Weight:

3,300 kg

12.5 metre



Weight:

9,140 kg

Length:

5,840 mm

Width:

2,350 mm

Height:

2,590 mm

Max Lifting Height:

12,300 mm

Max Lifting Weight:

3,500 kg

5.5 metre



Weight:

5,650 kg

Length:

4,000 mm

Width:

2,000 mm

Height:

2,100 mm

Max Lifting Height:

5,600 mm

Max Lifting Weight:

2,700 kg

6 metre



Weight:

4,710 kg

Length:

3,275 mm

Width:

1,813 mm

Height:

1,920 mm

Max Lifting Height:

5,850 mm

Max Lifting Weight:

2,500 kg

7 metre



Weight:

6,900 kg

Length:

4,990 mm

Width:

2,230 mm

Height:

2,490 mm

Max Lifting Height:

7,000 mm

Max Lifting Weight:

3,100 kg

14 metre



Weight:

10,470 – 10,858 kg

Length:

6,180 – 6,250 mm

Width:

2,350 mm

Height:

2,590 mm

Max Lifting Height:

13,800 mm

Max Lifting Weight:

3,500 – 4,000 kg

17 metre



Weight:

12,160 kg

Length:

6,360 mm

Width:

2,440 mm

Height:

2,690 mm

Max Lifting Height:

16,700 mm

Max Lifting Weight:

4,000 kg

20 metre



Weight:

12,985 kg

Length:

6,810 mm

Width:

2,440 mm

Height:

2,720 mm

Max Lifting Height:

20,000 mm

Max Lifting Weight:

4,000 kg

Forklifts & Telehandlers

Heavy Lift & RTFL



Power
Brush



Lifting
Bracket



Loading
Bucket



Fork Mounted
Skip



Fork
Attachment



Road Tax
(VED)

Grass tyres, Weigh load systems and Agriculture specification available upon request.

YARD FORKLIFT Teletruk



Weight:	
5,100 kg	
Length:	
2,840 mm	
Width:	
1,400 mm	
Height:	
2,300 mm	
Max Lifting Height:	
4,000 mm	
Max Lifting Weight:	
3,000 kg	

SITE RTFL Rough Terrain Forklift



Weight:	
5,910 kg	
Length:	
3,600 mm	
Width:	
2,200 mm	
Height:	
2,950 mm	
Max Lifting Height:	
3,600 mm	
Max Lifting Weight:	
2,600 kg	

RTFL Yard RTFL



Weight:	
4,160 kg	
Length:	
4,040 mm	
Width:	
1,320 mm	
Height:	
2,300 mm	
Max Lifting Height:	
3,300 mm	
Max Lifting Weight:	
2,500 kg	

RTFL Heavy Lift RTFL



Weight:	
7,660 kg	
Length:	
3,740 mm	
Width:	
2,080 mm	
Height:	
2,490 mm	
Max Lifting Height:	
3,700 mm	
Max Lifting Weight:	
5,000 kg	

HEAVY LIFT 6.0t 9.5 metre



Weight:	
9,890 kg	
Length:	
5,345 mm	
Width:	
2,240 mm	
Height:	
2,440 mm	
Max Lifting Height:	
9,550 mm	
Max Lifting Weight:	
6,000 kg	

HEAVY LIFT 12.0t 10.0 metre



Weight:	
15,650 kg	
Length:	
5740 mm	
Width:	
2,400 mm	
Height:	
2,850 mm	
Max Lifting Height:	
9,800 mm	
Max Lifting Weight:	
12,000 kg	

ROTO - 360° 3.8t 16 metre



Weight:	
12,080 kg	
Length:	
6,240 mm	
Width:	
2,240 mm	
Height:	
2,850 mm	
Max Lifting Height:	
15,700 mm	
Max Lifting Weight:	
3,800 kg	

ROTO - 360° 4.5t 21 metre



Weight:	
14,500 kg	
Length:	
6,600 mm	
Width:	
2,400 mm	
Height:	
2,950 mm	
Max Lifting Height:	
20,800 mm	
Max Lifting Weight:	
4,500 kg	

ROTO - 360° 25 metre



Weight:	
23,986 kg	
Length:	
8,500 mm	
Width:	
2,500 mm	
Height:	
3,200 mm	
Max Lifting Height:	
31,600 mm	
Max Lifting Weight:	
5,500 kg	

ROTO - 360° 32 metre



Weight:	
23,986 kg	
Length:	
8,500 mm	
Width:	
2,500 mm	
Height:	
3,200 mm	
Max Lifting Height:	
31,600 mm	
Max Lifting Weight:	
5,500 kg	

Rollers



Trench, Twin Drum & Self Propelled

Rollers with drum sizes ranging from 800mm to 2,000mm. Rammax also available.

Smooth and Pad Foot (Sheeps Foot) drums available on self propelled rollers.



GPS Security Included
Added peace of mind

Rammax



Weight:
1,413 kg
Length:
1,460 mm
Width:
850 mm
Height:
1,200 mm
Drum Width:
630 or 850 mm
Compaction Rating (kN)
82



80cm Twin-Drum



Weight:
1,550 kg
Length:
2,194 mm
Width:
856 mm
Height:
1,627 mm
Drum Width:
800 mm
Compaction Rating (kN):
17

120cm Twin-Drum



Weight:
2,540 - 2,800 kg
Length:
2,400 - 2,475 mm
Width:
1,276 - 1,310 mm
Height:
1,736 - 1,937 mm
Drum Width:
1,200 mm
Compaction Rating (kN):
38 - 45

135cm Twin-Drum



Weight:
3,600 - 4,195 kg
Length:
2,590 - 2,856 mm
Width:
1,380 - 1,506 mm
Height:
1,853 - 1,900 mm
Drum Width:
1,300 - 1,380 mm
Compaction Rating (kN):
37 - 65

7t Self Propelled



Weight:
6,840 kg
Length:
4,680 mm
Width:
2,100 mm
Height:
2,790 mm
Drum Width:
1,680 mm
Compaction Rating (kN)
125

13t Self Propelled



Weight:
14,955 kg
Length:
5,686 mm
Width:
2,436 mm
Height:
3,030 mm
Drum Width:
2,200 mm
Compaction Rating (kN)
300

20t Self Propelled



Weight:
19,200 kg
Length:
6,338 mm
Width:
1,600 mm
Height:
3,022 mm
Drum Width:
2,130 mm
Compaction Rating (kN)
326

Ardent Attachments

Ardent Hire provide an array of attachments for all of our plant, which turn an ordinary machine into an extraordinary machine. Please note minimum hire periods and set up costs may apply to some equipment.

Excavator Breaker



Used for general purpose breaking on roads or demolition

Rubber Tracks



We can supply large excavators also with rubber PAD block tracks ideal for utility works

Dozer Blade



Fitted to 13t machines

Tilt Bucket



Available on 8t-20t excavators, added versatility when grading

Manipulators



Dedicated post grab attachment ideal for rail signal posts

Excavator Hydraulic Scabbler/Rotary Cutter



Used for scabbling or breaking in noise or vibration sensitive situations.

Excavator Shaker Bucket



These are ideal for separating and sorting mixed materials on site

DPF (Diesel Particulate Filter)



Removes harmful diesel exhaust fumes from mobile and static plant in confined areas

Fire Suppression Units



Automatic suppression of fire in engine compartment

Chalwyn Valve



If flammable gas or vapour is drawn into an engine it acts as an additional ungoverned fuel supply. These valves detect and shut down engine

Pile Breaker 400-1800m



Modular pile cutters for round or square piles

Ripper Tooth



Our ripper hooks are ideal for use on demolition sites and in quarry application

Auger Drive 3-13t Exc



Used in the construction, fencing and landscaping industries as the efficient attachment of choice for drilling accurate post holes

Vibratory Pile Driver



Our heavy-duty vibratory pile drivers are the perfect attachment for mounting to excavators over 5t when you need to drive and extract short steel sheet piles

Spark Arrestor



For both hazardous area and lower risk diesel engine applications such as forestry or agriculture where a stray spark may cause ignition of combustible material

Digging/Clamshell Grab 13-30t Exc



Used for shaft excavation or unloading railway wagons

Telehandler Lifting Bracket



Designed for the movement of suspended loads up to 1000kg, the fork mounted device fits onto the pallet forks and locks in place.

Slew Restrictor



Enables slew limiting on 360° excavators, used in motorway or rail applications

Excavator Manual Pulverisor



Fitted to 13t & 20t excavators – used for light demolition

Tipping Skip



Fork mounted forward tipping skip attachment

Jib Winch



Jib winch attachment for Roto Telehandlers – 2t capacity

Crane Hook



Fork mounted 4t hook attachment

Fork Attachment



Fits 8, 13 & 20t Excavators, allowing safe handling of pallets or other materials

Selector Grab



Available as sorting or 5 tine grapples; used for sorting material on site

Demo Grapple



These grapples are ideal for handling timber and waste. Can be used for light demolition work

Box Winch



Winch attachment for Roto Telehandlers – Available in 3t to 5t capacity

Sweeper



Fork mounted, hydraulically operated road sweeper with water tank and collector bin

Gel Tyres



Gel fill applied to internal surface of the tyre to reduce punctures and porousness

General Purpose Bucket



The General Purpose Bucket is designed as a telehandler attachment, to clean up sites, load, carry and dump in a variety of applications.

Height Limiter



Adjustable boom height limiter once attached automatically stops once height limit has been reached. Let's operators focus more on digging in tight or confined spaces.

Excavator Compactor Plate



Fitted to an excavator – ultimate safe, efficient and consistent solution to compacting in trenches, on slopes or general compaction

Diesel Particulate Filter (DPF)



A diesel particulate filter (or DPF) is designed to remove diesel particulate matter or soot from the exhaust gas of a diesel engine.

Ditch Bucket



Ditching and grading buckets are specifically engineered for ditch maintenance, grading, slope work, and construction.

100l Fuel Bowser



1000LTR bunded fuel bowser

Ardent Extra

Ardent Extra is dedicated to meeting the requirements of our customers and is fully trained in sourcing products or equipment that are outside of our core range. We source the equipment you need via our audited and approved supply chain and delivers it to you.



The commitment to you from Ardent Extra as well as Ardent Hire Solutions is top quality service with top quality equipment. Our extensive range of suppliers are assessed to make sure that, when we are catering for your needs we ensure the highest standards are kept including all Health and Safety aspects. This extends our usual levels of service, quality and safety to every hire. Along with all of this, we also offer one point of contact and we make sure you only receive invoices from Ardent Extra, not anybody else.



Self Propelled RAMMAX Rollers

Ardent's roller range makes smooth work of levelling and compacting, with a wide choice of machines



Corniver

Operational Weight:

1,743 kg

Centrifugal Force:

5,525 kg

Drum Width:

1,010 mm

Height and Pad Foot:

50 mm



Rammax RW2400

Operational Weight:

2,400 kg

Centrifugal Force:

8,600 kg

Drum Width:

1,100 - 1,200 mm

Height and Pad Foot:

N/A



Rammax RW2900

Operational Weight:

3,000 kg

Centrifugal Force:

9,600 kg

Drum Width:

1,200 mm

Height and Pad Foot:

N/A



Rammax RW3005

Operational Weight:

3,400 kg

Centrifugal Force:

8,560 kg

Drum Width:

1,200 mm

Height and Pad Foot:

60 mm



Rammax RW5005

Operational Weight:

4,880 kg

Centrifugal Force:

10,000 kg

Drum Width:

1,400 mm

Height and Pad Foot:

60 mm



Wheeled Loaders

Various buckets & specialist applications available

Whether you need a wheel loader for use in landscaping, agricultural, construction, waste management, forestry, or mining applications. Make your material handling and loading jobs safer, faster, more precise and profitable.

JCB 409



Bucket Capacity:

1.0 – 1.6 m³

Weight:

5,800 kg

Length:

5,465 mm

Wheel Base:

2,205 mm

Height:

2,643 mm

CAT 930K



Bucket Capacity:

2.1 – 5.0 m³

Weight:

13,829 kg

Length:

3,233 mm

Wheel Base:

3,000 mm

Height:

3,340 mm

CAT 950K



Bucket Capacity:

2.7 – 4.0 m³

Weight:

19,425 kg

Length:

3,233 mm

Wheel Base:

3,350 mm

Height:

3,356 mm

CAT 966K



Bucket Capacity:

2.5 – 9.2 m³

Weight:

24,189 kg

Length:

3,679 mm

Wheel Base:

3,450 mm

Height:

3,547 mm



Skid Steer

All applications including wheeled, air or rolled & tracked

Our skid steer's are safe, economical and highly productive. Our Skid Steer Loaders provide customers with the power, versatility, efficiency, ease of operation and reliability they have come to expect from our equipment.

Wheeled – 2.5t



Weight:

2,581 kg

Length:

3,233 kg

Width:

1,525 mm

Height:

1,950 mm

Bucket Pin Height:

2,854 mm

Wheeled – 2.6t



Weight:

2,641 kg

Length:

3,233 kg

Width:

1,525 mm

Height:

1,950 mm

Bucket Pin Height:

2,854 mm

Track 259C – 4t



Weight:

4,052 kg

Length:

3,432 kg

Width:

1,676 mm

Height:

1,986 mm

Bucket Pin Height:

3,046 mm

Track 299C – 4.8t



Weight:

4,867 kg

Length:

3,820 kg

Width:

1,981 mm

Height:

2,117 mm

Bucket Pin Height:

3,286 mm

Dumper Trucks



Choose 25t, 30t or 40t dumpers, available as open style or LGP plus greedy boards.

Ardent's dumper fleet is as solid, reliable and dependable as you would expect, with rugged, rough-terrain vehicles that are built to carry the load day in day out, whether you're clearing your site or bringing in essential new materials.

25t Dump Truck



Available as LGP plus Greedy Boards

Weight:
22,260 kg
Length:
9,920 mm
Width:
3,544 mm
Height:
3,744 mm
Payload:
25,000 kg

30t Dump Truck



Available as LGP plus Greedy Boards

Weight:
22,850 kg
Length:
9,920 mm
Width:
3,544 mm
Height:
3,744 mm
Payload:
30,000 kg

40t Dump Truck



Available as LGP plus Greedy Boards

Weight:
33,100 kg
Length:
10,889 mm
Width:
3,520 mm
Height:
3,745 mm
Payload:
39,500 kg

Tractors



Used for general purpose towing around sites

From traditionally styled John Deere large wheel tractors, which have been delivering in agriculture and industry for decades, to modern machines like the 230hp JCB Fastrac.

3230 Fastrac



JCB Fastrac

Weight:
7,970 kg
Length:
5,200 mm
Width:
2,530 mm
Height:
2,950 mm
HP:
230

6140R



John Deere or New Holland

Weight:
10,800 kg
Length:
4,930 mm
Width:
2,490 mm
Height:
2,950 mm
HP:
124

6150R



John Deere or New Holland

Weight:
11,300 kg
Length:
4,930 mm
Width:
2,490 mm
Height:
2,950 mm
HP:
133

Tractor Trailers



Various axle configurations, with or without hydraulic braking.

Nationwide Coverage

**Ardent has a depot near you,
with a nationwide depot network**

Covering the whole of the UK, from the North East to the South West, from Cambridge to Cheshire.

We're expanding our network all the time, so that you can access the equipment you need where you need it, fast.

We already have 12 depots across the country, and we're planning many more over the coming year to make our fleet as accessible and as convenient as possible.

Head Office

Ardent House,
32 Crown Road, Enfield,
Middlesex, EN1 1TH
0208 443 7100

Hire Desk / Sales

Felixstowe Road, Ipswich,
Suffolk, IP3 9BT

National Hire Number
03333 202 555

Bristol Depot

Victoria Road, Avonmouth,
Bristol,
BS11 9DB

Cheshire Depot

Clayton Road, Birchwood Park,
Birchwood, Warrington,
WA3 6RP

Erith Depot

Landau Way, Dartford,
Erith, Greater London,
DA8 2LG

Ipswich Depot

Felixstowe Road, Ipswich,
Suffolk,
IP3 9BS

Middlesbrough Depot

Sotherby Road, Middlesbrough,
Cleveland,
TS3 8BS

Oxford Depot

Stanton Harcourt Estate, Stanton
Harcourt, Witney, Oxfordshire,
OX29 5UX

Cambridge Depot

Marston Road, St Neots,
Cambridgeshire,
PE19 2HF

Enfield Depot

Ardent House, Crown Road, Enfield,
Middlesex,
EN1 1TH

Hullavington Depot

The Old Railway, Hullavington,
Chippenham,
SN14 6ET

Kent Depot

Neptune Close, Medway City Estate,
Rochester, Kent,
ME2 4LT

Midlands Depot

Kingsbury Road, Minworth,
Sutton Coldfield, West Midlands,
B76 9DD

Southampton Depot

Andes Road, Nursling Industrial
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