



LLYNCH
MEETING HIRE DEMANDS

ATTACHMENTS RENTAL

- NATIONWIDE COVERAGE
- IMMEDIATE DELIVERY
- WIDE CHOICE OF ATTACHMENTS FOR EVERY JOB
- SPECIALIST TEAM





ABOUT LYNCH ATTACHMENTS

Lynch is one of the leading specialists in the hydraulic attachment industry. We have over 30 years experience in the field, backed up by a team of friendly and helpful staff that is committed to serving our customers. From the quarrying industries to construction, from demolition to recycling, we can ensure you receive support wherever you are based in the UK. Our customers rely on us and so can you.

WHY CHOOSE LYNCH?

We offer immediate availability with attachments and cradles to suit almost every excavator in the UK. Lynch is able to offer same day deliveries if required.

- One of the largest rental fleets in the UK.
- Specialist team working on attachments with a wealth of experience.
- No minimum hire period on all of our standard attachments.
- Market leading products that are renowned for their reliability, performance and productivity.
- Delivery and installation — all of our attachments can be installed by our experienced field engineers who will fit and install our products on your excavator to ensure you have maximum performance.
- Priority repair or replacement in the event of breakdown.
- Technical support to ensure that you are getting the correct product for your application.
- We want you to be able to work to the highest standards.
- Lynch can provide a full range of Pro-Dem and Atlas Copco products nationwide.

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HYDRAULIC HAMMERS

Our vibration dampened silenced hydraulic hammers have been developed for the toughest kinds of environments.

Whilst they are fully silenced for sound sensitive job sites they also provide impressive power for the largest of demolition sites. The range provides more power through innovative durability.

Our range of hydraulic hammers benefits from, 'Pro-Speed' Dual Speed Control System, Anti-Blank Firing System, Auto-Stop & Auto Start, Rock Claws, and a single high pressure accumulator (PRB200 upwards).

The Lynch series offers power, reliability, durability, low operating costs and ultimately, customer satisfaction.

Unrivalled power / weight ratio.

- Dual speed system
- Auto start / stop system
- Anti blank firing system

Type of Machine (ton)	0.5	1-5	3	5	8	13	21	29	36	45
Lynch Attachment	08	30	50	60	60	130	200	300	300	400
Working Weight (kg)	75	149	294	424	424	974	1564	2492	2492	3100
Required Oil Flow (lpm)	12-22	20-35	35-65	45-90	45-90	80-140	100-150	170-240	170-240	200-280
Operating Pressure (bar)	100-130	100-130	130-170	130-170	130-170	140-180	160-180	165-185	165-185	165-185
Impact Energy (max) – High Speed (joule)	110	300	700	1000	1000	2500	3500	6100	6100	7600
Impact Frequency – High Speed (bpm)	750 -1300	550 -1000	550 -1000	520 -1000	520 -1000	380 -700	340 -550	310 -490	310 -490	330 -450





BACKHOE HYDRAULIC HAMMERS

Our vibration dampened silenced hydraulic hammers have been developed for the toughest kinds of environments.

HEAVY DUTY SELECTOR GRABS

Our heavy duty selector grabs are designed for selective demolition, sorting and loading of recyclable materials.

- We have a wide range of selector grabs with operating weights of 75kg to 13,000 kg using the same design family
- Low weight and short height
- Standard, reversible and changeable wear blades
- Long hinge arms to the cylinder for a greater closing power
- Replaceable cutting edge for easy and cost saving maintenance
- Unique frame design capable of maximum protection

Type of Machine (ton)	0.5	1-5	3	5	8	13	21	29	35	45
Lynch Attachment	75-D	150-D	200-D	400-D	450-D	500-D	800-D	1402-D	1900-D	2500-D
Working Weight (kg)	75	140	240	350	400	600	1000	1600	2000	2500
Pressure - Open/Close (bar)	300	300	300	300	300	350	350	350	350	350
Oil Flow - Open/Close (lpm)	15	25	35	40	50	90	120	170	180	200
Min Pressure - Rotation (bar)	150	150	150	150	150	190	190	190	190	190
Max Pressure - Rotation (bar)	170	170	170	170	170	210	210	210	210	210
Oil Flow - Rotation l/min (mm)	5	10	10	12	12	15	25	35	35	35
Width (mm)	300	450	500	600	700	600	800	1200	1200	1200
Max Opening (mm)	600	750	1160	1400	1500	1800	1950	2100	2250	2230
Height (mm)	600	700	850	950	1000	1150	1300	1500	1650	1700
Capacity (l)	30	70	100	150	200	300	500	850	900	1000
Closing Force (kN)	6	15	20	23	24	30	46	68	80	90



DEDICATED STEEL SHEARS

MBI shears can be used on excavators from 8t – 80t operating weight.

XS Shears are suitable for excavators from 10t – 90t.

- Greaseable pivot point designed to minimize distortion forces
- Inverted cylinder mount for better rod protection
- Large, heavy duty bearings for reduced bushing wear
- Housing made of wear-resistant, fine-grained steel
- Main cutting blades are reversible depending on mounting style - boom or dipper

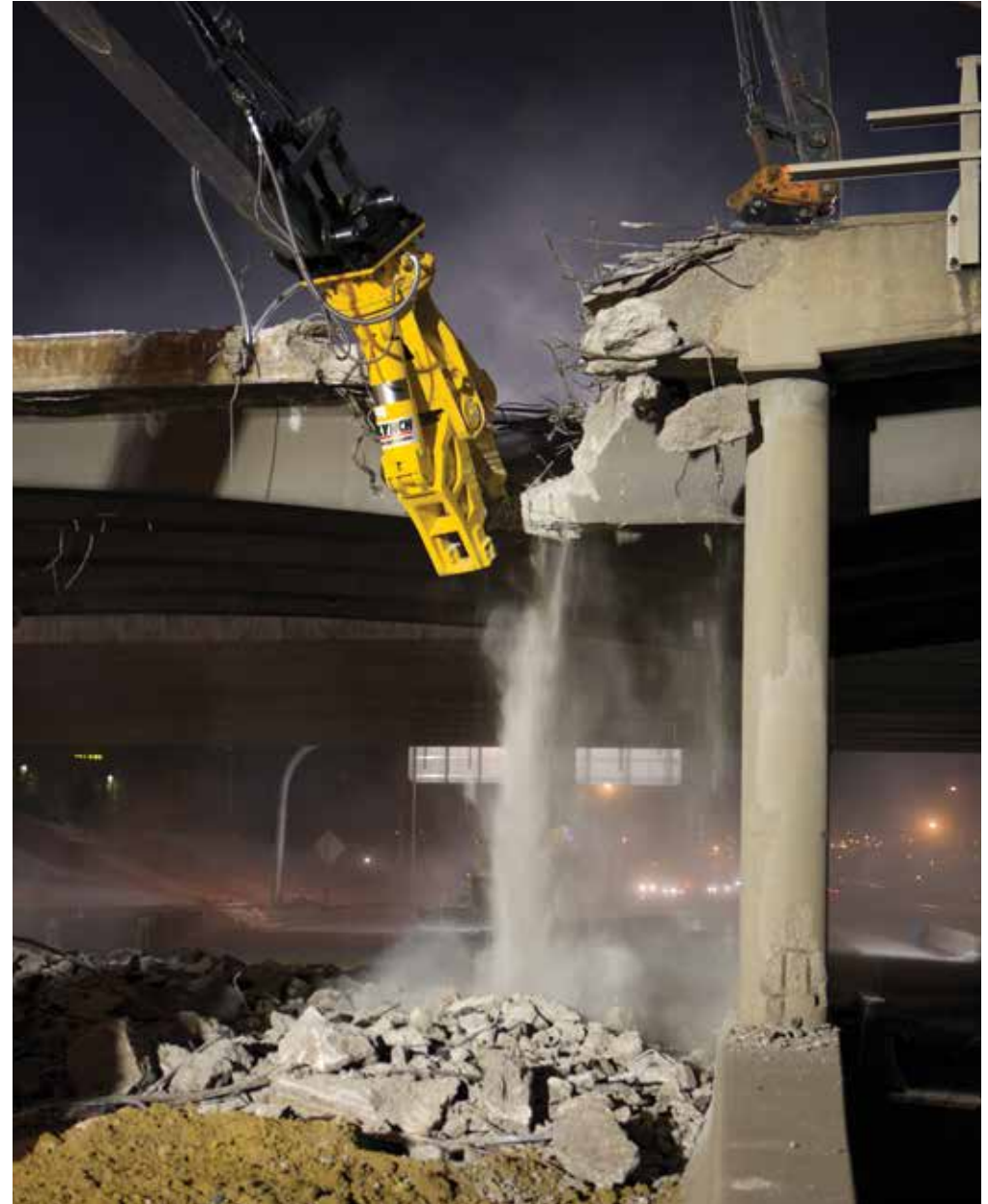
Type of Machine (ton)	0.5	1-5	3	5	8	13	21	29	36	45
Lynch Attachment	25R	25R	25R	50R	50R	100R	180R	310R	410R	410R
Tool Weight (kg)	380	380	380	650	650	1100	2100	3300	4700	4700
Opening (mm)	195	195	195	240	240	350	445	565	670	670



MULTI-PROCESSORS

Our series of multi-processors features interchangeable jaw sets on a single base providing the efficiency of four tools in one body.

- Unlimited 360° hydraulic rotation
- Pressure relief valve protecting hydraulic motor
- Fully reversible
- Rectangular blades for lower resistance
- Customised tooth type welding type or replaceable type can be chosen
- Hardened teeth made of special wear resistant steel
- Speed-up-valve high jaw opening & closing
- One-pin type jaw mechanism for enhanced shearing force and working & maintenance
- User-friendly blade clearance adjustment by using one adjusting nut



Tips on jaw application

1 Crushing Jaw Set

For the primary demolition operations. Bringing down the main structure of a building.

2 Demolition Jaw Set

Specially designed and engineered for mixed concrete and steel applications, combining the advantages of Shear Jaw Set and Concrete Jaw Set. Processing heavily reinforced concrete structures and concrete encased I-Beam steel barrels without jaw change.

3 Pulverizing Jaw Set

For the secondary demolition operations. Starting to process the demolished materials. Separating reinforcing bar from concrete for example.

4 Shear Jaw Set

The shear jaw set can be used on all industrial demolition sites for cutting materials such as section bars, pipes, tanks, railway carriages, etc.

Type of Machine (ton)	8	21	30	36	45
Lynch Attachment	050	220-C	220-D	320-C	320-C
Working Weight (kg)	480	2040	2050	3030	3030
Overall Length (mm)	1362	2311	2276	2533	2533
Overall Width (mm)	850	1483	1368	1684	1684
Max Jaw Opening (mm)	520	903	797	1119	119
Cutting Blade Length (mm)	100	237	355	240	240
Required Oil Flow (lpm)	50-80	150-250	150-250	200-300	200-300
Max Operating Pressure (lpm)	210	320	320	320	320
Max Crushing Force (t)	99	190	215	317	317



Jaw sets (left to right): Crushing • Demolition • Pulverising jaw • Shear set

PULVERIZERS - STATIC

Produced with increased power and durability by state-of-the-art technology, Lynch pulverizers have been designed for both primary demolition work, secondary concrete reduction and material sorting.

- Bolt on tooth style for quick and effective replacement - welding type is also available
- Hardened teeth made of special materials for enhanced durability
- Cracking tooth on the outer end of jaw for high productivity during pulverizing job
- Integrated speed-up valve for increased speed
- Trunnion type cylinder for maximum breaking force throughout jaw closing motion as well as opening motion
- Fully reversible rectangular blades

Type of Machine (ton)	8	13	21	29	36	45
Lynch Attachment	050	160	190	220	320	320
Working Weight (kg)	500	1100	1375	1890	2745	2745
Overall Length (mm)	1245	1658	1985	2181	2371	2371
Jaw Width - Fixed (mm)	370	384	438	470	532	532
Jaw Width - Moving (mm)	252	330	350	346	370	370
Max Jaw - Opening (mm)	630	680	732	889	1049	1049
Cutting Blade - Length (mm)	100	240	240	360	360	360
Required Oil Flow (lpm)	50-80	100-180	150-250	150-250	200-300	200-300
Max Operating Pressure (bar)	210	320	320	320	320	320
Crushing Force - Tip (t)	43	100	106	171	173	173
Application Carrier Weight (t)	4.5-8.0	13-20	16-25	20-28	28-42	28-42



PULVERIZERS - ROTATING

Produced with increased power and durability by state-of-the-art technology, Lynch pulverizers have been designed for both primary demolition work, secondary concrete reduction and material sorting.

- Wide jaw opening for a large demolition work surface
- Hardened teeth made of special materials for enhanced durability
- Hydraulic 360° rotation unit
- Trunnion-supported type cylinder for maximum breaking force throughout the entire operation
- Integrated speed up valve with cylinder delivering fast cycle times and increased power
- Fully reversible rectangular blades made of special materials for enhanced durability
- Optional bolt-on tooth style

Type of Machine (ton)	13	21	29	36	45
Lynch Attachment	160R	200R	250R	350R	350R
Working Weight (kg)	1250	1780	2300	2663	2663
Overall Length (mm)	1840	2078	2468	2663	2663
Jaw Width - Fixed (mm)	384	438	470	532	532
Jaw Width - Moving (mm)	330	350	346	370	370
Max Jaw - Opening (mm)	720	766	925	1056	1056
Cutting Blade - Length (mm)	240	240	360	360	360
Required Oil Flow (lpm)	100-180	150-250	150-250	150-250	200-300
Max Operating Pressure (bar)	320	320	320	320	320
Crushing Force - Tip (t)	100	170	196	224	224
Application Carrier Weight (t)	13-20	17-28	22-30	28-40	28-40



MINI CRUSHERS

Our mini crushers boast rotation without the need to have a hydraulic rotation circuit on your excavator.

- Hardened jaw of the HARDOX steel
- Wide jaw opening for a large demolition work surface
- Easy maintenance
- Light weight but rigid body frame
- Knock round rotation with a durable bearing
- Speed-up valve (optional)
- Fully reversible rectangular blades with max. 4 edges
- Long life blades made of HARDOX
- Hardened jaw made of HARDOX
- Easy maintenance
- Protected hose routing inside the frame
- High power cylinder

Type of Machine (ton)	1-5	3	5	8
Lynch Attachment	015	025	030	050
Working Weight (kg)	143	224	308	480
Overall Length (mm)	969	1104	1195	1362
Overall Width (mm)	659	800	776	850
Max Jaw Opening (mm)	320	430	430	520
Cutting Blade Length (mm)	60	80	90	100
Required Oil Flow (lpm)	15-35	25-45	30-50	50-80
Max Operating Pressure (lpm)	210	270	270	210
Max Crushing Force (t)	36	62	64	99



LYNCH HYDRAULIC COMPACTORS

Lynch hydraulic compactors enable you to maximize productivity and minimize the downtime of your excavator. The new series of Lynch compactors enables compaction of embankments, deep excavations, trenches and sheet piles safely.

- Removal of manual labour.
- Simple operation
- Easy maintenance - no greasing required due to the housing acting as an oil bath
- Easy and versatile mounting - adaptor mount style enables the Lynch compactors to be mounted to any carrier in the recommended weight class
- Cushion rubber - specially designed cushion rubbers protect machine and operator from vibrations

Type of Machine (ton)	5	8	13	21	29	36	45
Lynch Attachment	050	050	100	150	200	300	300
Working - adapter mount (kg)	261	261	430	689	1094	1502	1502
Base plate size - WxL (mm)	320 x745	320 745	610 x900	740 x1050	860 x1200	100 x1300	1000 x1300
Impulse Force (t)	2.1	2.1	4	6.4	11.2	17.3	17.3
Vibrations (per minute)	2100	2100	2000	2000	2000	2000	2000



PILING HAMMERS

Make your excavator more versatile! An effective method of sheet piling into most ground conditions.

We operate the most comprehensive range of modern piling hammer technology to suit excavators from 5 – 40 tons.

Our piling hammers are;

- hydraulically driven
- simple and fast to install and setup
- vibrates piles in and extracts piles
- universal joint for accurate pile positioning
- high power to weight ratio, automatic hydraulic clamp operation and flow regulators that prevent excess oil supply to vibrator

Type of Machine (ton)	5	8	13	21	29	36	45
Lynch Attachment	70	70	220	300	450	450	450
Static Moment (kgm)	0.7	0.7	2.3	4.6	6.9	6.9	6.9
Frequency (vpm)	3000	3000	3000	2400	2460	2460	2460
Centrifugal Force (kN)	70	70	220	300	450	450	450
Amplitude - peak to peak (mm)	3.4	3.4	12	14.7	13.7	13.7	13.7
Min required flow rate (l/min)	30	30	90	130	195	195	195
Max allowable flow rate (l/min)	120	120	250	250	350	350	350
Min hydraulic pressure (bar)	240	240	280	280	270	270	270
Dynamic Mass (kg)	410	410	370	625	1008	1008	1008
Total Mass (kg)	520	520	525	965	1275	1275	1275
Max Pile Mass (kg)	800	800	800	800	1000	1000	1000
Max Push/Pull Loading (kg)	2800	2800	7500	15000	15000	15000	15000



PILING CROPPER

We now offer seven different types of pile cropper ensuring we have the perfect attachment for your job.

- Pile cropper – for cutting square pre-cast single reinforcement piles
- Power cropper – can be used to cut through both concrete and rebar of a single or multi-bar precast pile
- Multi-bar cropper – for cutting multi-rebar square pre-cast piles
- CFA cropper – the fast, safe method of reducing cast in-situ concrete piles
- Contiguous cropper – used on diaphragm walls, in-situ piles and Seacant piles poured directly next to one another
- CHD cropper – for cutting cast in-situ piles with a helical outside finish leaving the rebar intact
- Trench cutter – for cutting down piles in a narrow trench

For full details and specifications of our pile cropper range please call the attachments team on 020 8900 0000.



DYNASET HYDRAULIC MAGNETS

We stock a large range of hydraulic magnets.

- Quick release unit
- Hooks on excavator boom or attachment
- Hydraulic flow is taken from the attachment's supply line or any other service line attached to the excavator's boom
- Ready to work in no time
- Reliable and effortless
- Functions from one single button
- Ideal for sorting scrap metals or clearing sites
- Magnets fit on excavators from 12-29 tons.

Type of Machine (ton)	13	21	29	36
Lynch Attachment	900	900	1200	1200
Working Weight (kg)	850	850	1500	1500
Diameter (mm)	950	950	1250	1250
Power (220vdc kw)	4.9	4.9	9	9
Tear-off w/air gap ømm 300 Lifting Capacity (kg)	10500	10500	15000	15000
Slabs/Blocks Lifting Capacity (kg)	6600	6600	14800	14800
Pig Iron Lifting Capacity (kg)	290	290	580	580
Scrap Lifting Capacity Grade 3A (kg)	200	200	370	370
Scrap Lifting Capacity Grade 24 (kg)	190	190	360	360
Scrap Lifting Capacity Grade 40 (kg)	100	100	190	190



AUGERS

**Market-leading augers designed with maximum torque.
With a massive range of heavy duty flights from 100 – 1500mm diameter.**

- Auger drive motors to suit excavators between 0.7 – 21 tons
- Innovative design with non-dislodgment shafts
- Shock lock replaceable wear parts
- Shallow pitch auger flights for maximum soil removal
- Heavy duty tungsten or earth teeth available for all augers
- Competitive pricing
- Fast delivery times
- Ideal for fencing, trial holes and soil sampling

All augers are available with extensions in 1, 1.5 and 2m lengths.

Type of Machine (ton)	0.5	1-5	3	5	8	13	21
Lynch Attachment	2	2	2	8	8	12	12
Excavator Weight Class (t)	75/2	75/2	75/2	5-10	5-10	10-20	10-20
Min/Max Rec Flow (rpm)	30-50	30-50	30-50	80-115	80-115	70-230	70-230
Max Torque (Nm@240 bar)	2350	2350	2350	7050	7050	11300	11300
Max Pressure (bar@60 lpm)	240	240	240	240	240	240	240
Max Flow (lpm@130 bar)	115	115	115	115	115	230	230
Power (Kw)	25	25	25	25	25	60	60
Overall Length (mm)	557	557	557	854	854	950	950
Diameter (mm)	187	187	187	290	290	290	290





RE-HANDLING CLAMSHELL BUCKET

We offer the complete range of KINSHOFER re-handling clamshells to suit all excavators with a capacity of up to 5 cubic metres.

- Maximum volume due to widely spaced pivots with a flat closing curve. Protection of the ground surface is guaranteed, e.g. discharge from boat and train carriages etc.
- Precise positioning with an integrated rotator
- Integrated non-return valve
- Excellent digging characteristics

Grabs can be custom made to suit special applications etc.
For special requirements or further specification please contact us.



Exchangeable Shells:

- Clamshell bucket
- Excavating grab
- Pipe grab
- Well shaft grab
- Multi-purpose grab
- Rock grab
- Timber grab
- Specialist rail spec
- Railroad grab

DIGGING CLAMSHELL GRABS

We offer a complete range of clamshell buckets to suit excavators from 1 - 40 tons. Exchangeable shells allow you to do a variety of jobs and take less than 4 minutes to exchange. Ideal for excavation operations, landscaping, trench digging, handling of logs and more.

- Economic solution as only the shells have to be changed to switch applications - bucket carrier and bearings are integrated into the main carrier
- Available with / without hydraulic rotation
- All digging grabs are available with extension shafts to enable a deep dig with a standard excavator

CRUSHER BUCKETS

All of our fleet of hydraulic crusher buckets are able to be adjusted in their output size from 20mm - 125mm. These powerful units enable you to crush and recycle a wide variety of construction and demolition hardcore / concrete in 40 seconds.

These products have the capability of separating the steel reinforcing bars from the concrete. Maximum production of up to 55 ton/hour on a twenty ton excavator. Save on your transport and backfill costs!

- Ease of use: 1 - Load waste, 2 - Return to upright position and activate crusher jaws
- Waste is processed on site using just one excavator, one operator
- No off site transport and no landfill tax
- Turns waste into a cash product

ROCK WHEELS / ROTARY CUTTERS

Provide a cost efficient alternative to hydraulic hammers in sound and vibration sensitive applications. The added advantage with these cutters is that all the material that is cut is a reuseable material which can be used as backfill material.

- For excavators 1.5 - 45t
- A selection of cutting heads
- Installed on the auxiliary circuit
- Works safely - pressures to 375 bar
- Low maintenance
- Low speed - high torque
- Highly efficient - 2:1 reduction ratio
- Strong, robust construction

- | | | | | |
|-----------------|--------------|------------------|--------------|-----------------------|
| ■ Trenching | ■ Profiling | ■ Scabbling | ■ Mining | ■ Frozen Ground |
| ■ Shaft Sinking | ■ Steelworks | ■ Scaling | ■ Road Works | ■ Building Renovation |
| ■ Quarrying | ■ Demolition | ■ Building Works | ■ Underwater | ■ Tunnelling |





ORANGE PEEL GRABS — MULTI-TINE GRABS

Orange Peel Grab 4 and 5 tines with volumes from 450l up to 1000l. To suit excavators from 16t to 30t.

- Protected hydraulic cylinders
- Oil distribution and hydraulic hoses are protected in centre section
- Tips of tines are exchangeable as spare parts (500 HB)
- Closing force 17 kN at an operating pressure of 35 MPa
- Tines are made out of 400 HB steel
- Hydraulic cylinders are cushioned



RIPPER TEETH

Powerful, Hardox steel heavy duty ripper teeth available for most excavators.
Fits to Quick Hitches

This is a cost effective method of extracting stubborn material/objects in the demolition, quarrying and landscaping industries prior to excavation with buckets.

All piercing teeth are replaceable to extend service life.



ROTARY SCREENING BUCKETS

- 6 sizes for 3 to 29 ton machines
- Works off hammer lines
- Hardox Steel grade 400 mesh
- Interchangeable screens & headstocks
- Load directly into dumper or onto work area
- Variable speed
- CE approved



SPECIAL BUCKETS

Lynch Plant has a range of specialist buckets to suit your requirements including V-buckets, tilting buckets, shaker buckets, slubbing buckets, rotating buckets and weed cutting buckets.

For further information on which bucket is most suitable for your project speak to the attachments team today.



POST HAMMERS

Post hammers suitable from 5- 21 ton excavators. Post hammers will fit direct to the machine quick hitch with easy operational controls. Great tool for taking the strain out of manual labour.



MANIPULATORS

A specialist attachment for both rail and civil engineering projects designed to manipulate items on site into place.

Safe, easy to operate, fits most excavators. Direct mount or Quick Hitch. A great tool for taking the strain out of manual labour.



LYNCH PLANT HIRE

Lynch plant fleet is new, modern and well-maintained. The equipment meets requirements for every aspect of the construction industry.

We provide:

- highly skilled and well trained staff
- quality equipment
- excellent aftercare
- personalised service
- recognition as leading investor in H&S measures
- care for our environment



GRAB AND TIPPER SERVICES

The use of attachments often creates or involves a lot of material that needs to be either disposed of or recycled. Our fleet of lorries is modern, well operated and meets the highest levels of compliance.

We are a registered waste carrier which means that we have a duty over the waste that we transport from site to place of disposal.

Lynch recycles as much of its waste as is possible. Recycling prevents the waste being sent to a landfill or incinerator, reduces the consumption of new raw materials and can require less energy than virgin production.



LYNCH DIRECT SOLUTIONS

We are experts at meeting your hire demands and are always looking to how we can improve our service and provide a level of service that will not only meet but surpass customer expectations.

In our drive to achieve this we have introduced a Direct Solutions Team that are able to provide a fully national service, offering more products than ever before when they are required and where they are needed no matter where in the country you find yourself.

Throughout the UK, we can hire anything from a small tool to a 50t excavator. Our Direct Solutions Team are dedicated to ensuring that we deliver on time and to specification.

Our aim is to meet your hire demands swiftly and efficiently.

CRANE LORRIES AND TRANSPORT

Our primary business is to provide the right equipment to customers on hire. It has given us expertise in plant logistics which we are proud to have developed into an independent arm of the business. We have a dedicated fleet spread across three depots in London, Northampton and the South West. Our transport team allows us to say ‘yes’ to your requirements and deliver on time. We offer:

Hiab Services – our crane lorries can move cabins and other static items around your site.

Heavy Haulage – Lynch Heavy Haulage facilitates the fast, efficient movement of mechanised plant, materials and cabins nationwide.



LYNCH

MEETING HIRE DEMANDS



TO FIND OUT MORE
ABOUT LYNCH CALL
020 8900 0000
OR VISIT
WWW.L-LYNCH.COM

