



Eagle Automation Systems Ltd  
*Gate and Barrier Automation*

Residential

## WOODEN GATES

Automated  
Security  
Installations



# Eagle Automated Systems Ltd

**Experience tells us that no two entrances are the same and we are on hand to pass our knowledge at every stage of the process to ensure you get exactly the right combination of security and style.**

Established in 1988, Eagle has built an enviable reputation for providing such care and expertise.

With a Head office based in North Weald, Essex and a regional office in Buckinghamshire, the company has successfully completed major projects covering all aspects of gate automation and access control.

**You can be safe in the knowledge that children can play safely within the boundaries of their home and gardens.**





## Eagle Automated Systems Ltd

Eagle Automation employs people with a wealth of skills and experience. All engineers are specialist in their roles varying from fabrication and welding to fully qualified electricians with 16th edition and Part P registered.

The steady growth of our business is dedicated to the hard work, skills and commitment of each of our people. Investment in the latest software a modern fleet of fully equipped vans and the latest communication facilities ensure our services are second to none in our industry.



**At Eagle we believe planned maintenance is one of the most important factors in providing reliable operation to your security gates and access control systems. Planned maintenance is essential to minimise breakdowns and prevent urgent service visits.**

Eagle's installations are carried out under the guidelines of AESIF, the UK's trade organisation responsible for monitoring and approving suppliers and installers of automated entrance systems. This ensures all our installations meet the present European Standards and the highest levels of Health and Safety are met at all times.

## Hardwood Gates



To build a quality hardwood gate it is vital that the right materials are used and that skilled craftsmen carry out the construction.

Eagle use only wooden gates manufactured by qualified craftsman and leading manufacturers in the UK. As well as Oak we also mainly use 'Iroko' or 'Utile' both an African hardwood being naturally durable and stable.

The timber arrives at the workshop rough sawn and kiln dried. The timber is then put "in stick" in the yard for secondary seasoning. During this period the timber will take up moisture until an optimum of 18 per cent is achieved.



At this stage the timber is ready for machining. The joints used are mortise and tenon, wedged, dowelled and fixed with boat building glue. We have complete confidence in this time tested construction method.

You may find some gate builders use a stub or shallow tenon. This takes half the time but it is only a half job.

# Hardwood Gates

The gates are 70mm thick with a steel reinforced bottom rail to spread the load of an underground motor the full length of the gate, rather than an eight or twelve inch shoe.

On this page you can see examples of "stop chamfering". This is a bevel created by removing the timber's corner.

When stopped they are in a decorative form before the connection of the next piece of timber.

We machine the cladding to our own unique profile to allow for any expansion and contraction. All fixings are non ferrous and hammered in manually.



## Iroko

Summary	-	A very durable tropical hardwood
Strength	-	Comparable to teak - good
Origin	-	East and West Africa
Uses	-	Boat Building, interior and exterior joinery
Notes	-	Very stable with little shrinkage in weather

## Utile

Summary	-	A very durable hardwood
Strength	-	Comparable to mahogany - good
Origin	-	Tropical Africa
Uses	-	Boat Building, interior and exterior joinery - veneer
Notes	-	Consistent in colour and very stable with little shrinkage

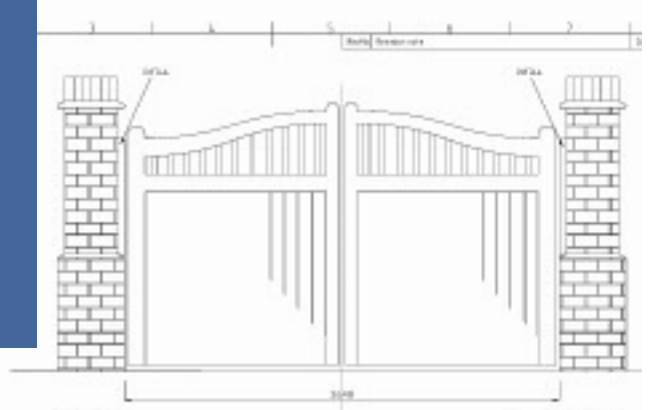
## Oak

Summary	-	A very durable hardwood
Strength	-	Good
Origin	-	Europe
Uses	-	Internal & external high quality joinery
Notes	-	The oak used is from mainland Europe and sustainable. Selection of highest quality only as oak can split if kilning is done incorrectly.



## Design Process

All customers gates are drawn in Autocad prior to manufacture. The drawings are scaled and dimensioned allowing the client to have a clear specification of their design. Modern software techniques allow Eagle to superimpose gate designs onto the clients entrance prior to install. This allows a visual representation of what a set of gates would look like and helps with the choice of style.



### Automation

#### Gate Ram

- Easier maintenance
- Retro-fit to existing gates



#### Underground Operator

- Discreet design
- Opening up to 180° if required.



## Hardwood Automated Gates



EAG 001 Open Style Downswep Gate With Intercom



## Hardwood Automated Gates



EAG 002 Upswept Solid Iroko Gate



EAG 003 Downswept Sliding Gate



EAG 004 Solid Upswept Gate



EAG 005 Oak Gates With Matching Fence Panels



EAG 006 Upswept Iroko Gate



## Hardwood Automated Gates



EAG 007 Downswept Open Style Gate



EAG 008 Downswept Gate



EAG 009 Downswept Iroko Gate



EAG 010 Iroko Gates finished painted White



EAG 011 Solid Upswept Gate

## Hardwood Automated Gates



EAG 012 Sliding Gate



EAG 013 Utile Gate Painted White



EAG 014 Hooked 5 Bar Vehicle And Pedestrian Gate



EAG 015 Flat Top Utile Gates



EAG 016 Upswept Solid Gate



## Hardwood Automated Gates



EAG 017 Oak Gate With Light Stain



EAG 018 Upswept Sliding Gate



EAG 019 Solid Upswept Gate



EAG 020 Pair of 5 Bar Style Gates



EAG 021 Oak Garage Doors

## Wood Effect Steel Gates

Gates manufactured from steel.  
Zinc coated and then painted to create a wood effect.



EAG 022 5 Bar Style Gate



EAG 023 Downswept Gate



EAG 024 Downswept Steel Gate



EAG 025 Ornate Estate Style Gate



EAG 026 Upswept Gate With Vertical Bars



## Wood Effect Steel Gates



EAG 027 Matching Gates And Railings



## Aluminium Gates

Gates manufactured from extruded aluminium.  
Finish painted to a range of colours including wood effect.



EAG 028 Finished In Black



EAG 029 Finished In Dark Brown



EAG 030 Finished In Light Brown



EAG 031 Downswept Gate



EAG 032 Upswept Gate With Open Top



## Aluminium Gates



EAG 033 Aluminium Gate On Underground Operators In Green

## Accessories



### Eagle Automation Systems Ltd

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EAG 034 Audio Intercom



EAG 035 BT or GSM  
Based Intercom



EAG 036 Surface Mounted  
Color Monitor



EAG 037 Color Video  
Intercom System



EAG 038 Remote  
Transmitter



EAG 039 Audio Intercom

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■ Eagle reserve the right to alter suppliers.