

**Company Registration No. 02763007 (England and Wales)**

**MAGNETIC SYSTEMS TECHNOLOGY LIMITED**

**UNAUDITED FINANCIAL STATEMENTS**

**FOR THE YEAR ENDED 31 DECEMBER 2017**

**PAGES FOR FILING WITH REGISTRAR**

# **MAGNETIC SYSTEMS TECHNOLOGY LIMITED**

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# MAGNETIC SYSTEMS TECHNOLOGY LIMITED

## BALANCE SHEET

AS AT 31 DECEMBER 2017

		2017		2016 as restated	
	Notes	£	£	£	£
<b>Fixed assets</b>					
Tangible assets	3		509,876		562,142
Investments	4		174,014		174,014
			<u>683,890</u>		<u>736,156</u>
<b>Current assets</b>					
Stocks		1,723,432		1,303,011	
Debtors	5	1,009,401		1,335,740	
Cash at bank and in hand		457,100		395,257	
		<u>3,189,933</u>		<u>3,034,008</u>	
<b>Creditors: amounts falling due within one year</b>	6	(1,292,161)		(702,694)	
<b>Net current assets</b>			<u>1,897,772</u>		<u>2,331,314</u>
<b>Total assets less current liabilities</b>			<u>2,581,662</u>		<u>3,067,470</u>
<b>Creditors: amounts falling due after more than one year</b>	7		(1,207,155)		(1,580,761)
<b>Provisions for liabilities</b>			(79,078)		(40,815)
<b>Deferred income</b>	8		(96,348)		(525,265)
<b>Net assets</b>			<u><u>1,199,081</u></u>		<u><u>920,629</u></u>
<b>Capital and reserves</b>					
Called up share capital	9		10		10
Share premium account			-		999
Profit and loss reserves			1,199,071		919,620
<b>Total equity</b>			<u><u>1,199,081</u></u>		<u><u>920,629</u></u>

## **MAGNETIC SYSTEMS TECHNOLOGY LIMITED**

### **BALANCE SHEET (CONTINUED)**

***AS AT 31 DECEMBER 2017***

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The director of the company has elected not to include a copy of the profit and loss account within the financial statements.

For the financial year ended 31 December 2017 the company was entitled to exemption from audit under section 477 of the Companies Act 2006 relating to small companies.

The director acknowledges his responsibilities for complying with the requirements of the Companies Act 2006 with respect to accounting records and the preparation of financial statements.

The members have not required the company to obtain an audit of its financial statements for the year in question in accordance with section 476.

These financial statements have been prepared and delivered in accordance with the provisions applicable to companies subject to the small companies' regime.

The financial statements were approved and signed by the director and authorised for issue on 27 September 2018

M K Jenkins

**Director**

**Company Registration No. 02763007**

# MAGNETIC SYSTEMS TECHNOLOGY LIMITED

## NOTES TO THE FINANCIAL STATEMENTS

**FOR THE YEAR ENDED 31 DECEMBER 2017**

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### **1 Accounting policies**

#### **Company information**

Magnetic Systems Technology Limited is a private company limited by shares incorporated in England and Wales. The registered office is 222-226 Newhall Rd, Attercliffe, Sheffield, S9 2QL.

#### **1.1 Accounting convention**

These financial statements have been prepared in accordance with FRS 102 "The Financial Reporting Standard applicable in the UK and Republic of Ireland" ("FRS 102") and the requirements of the Companies Act 2006 as applicable to companies subject to the small companies regime. The disclosure requirements of section 1A of FRS 102 have been applied other than where additional disclosure is required to show a true and fair view.

The financial statements are prepared in sterling, which is the functional currency of the company. Monetary amounts in these financial statements are rounded to the nearest £.

The financial statements have been prepared under the historical cost convention. The principal accounting policies adopted are set out below.

#### **1.2 Turnover**

Turnover represents amounts receivable for goods and services net of VAT.

Revenue from the sale of goods is recognised when the significant risks and rewards of ownership of the goods have passed to the buyer (usually on dispatch of the goods), the amount of revenue can be measured reliably, it is probable that the economic benefits associated with the transaction will flow to the entity and the costs incurred or to be incurred in respect of the transaction can be measured reliably.

Revenue from contracts for the provision of services is recognised by reference to the stage of completion when the stage of completion, costs incurred and costs to complete can be estimated reliably. The stage of completion is calculated by comparing costs incurred, mainly in relation to contractual hourly staff rates and materials, as a proportion of total costs. Where the outcome cannot be estimated reliably, revenue is recognised only to the extent of the expenses recognised that are recoverable.

#### **1.3 Research and development expenditure**

Research expenditure is written off against profits in the year in which it is incurred. Identifiable development expenditure is capitalised to the extent that the technical, commercial and financial feasibility can be demonstrated.

#### **1.4 Tangible fixed assets**

Tangible fixed assets are initially measured at cost and subsequently measured at cost or valuation, net of depreciation and any impairment losses.

# MAGNETIC SYSTEMS TECHNOLOGY LIMITED

## NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

FOR THE YEAR ENDED 31 DECEMBER 2017

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### 1 Accounting policies

(Continued)

Depreciation is recognised so as to write off the cost or valuation of assets less their residual values over their useful lives on the following bases:

Plant and machinery	25% Reducing balance/20% straight line
Fixtures, fittings & equipment	15% Reducing balance/33.3% Straight line

The gain or loss arising on the disposal of an asset is determined as the difference between the sale proceeds and the carrying value of the asset, and is credited or charged to profit or loss.

#### 1.5 Fixed asset investments

Interests in subsidiaries, associates and jointly controlled entities are initially measured at cost and subsequently measured at cost less any accumulated impairment losses. The investments are assessed for impairment at each reporting date and any impairment losses or reversals of impairment losses are recognised immediately in profit or loss.

A subsidiary is an entity controlled by the company. Control is the power to govern the financial and operating policies of the entity so as to obtain benefits from its activities.

An associate is an entity, being neither a subsidiary nor a joint venture, in which the company holds a long-term interest and where the company has significant influence. The company considers that it has significant influence where it has the power to participate in the financial and operating decisions of the associate.

Entities in which the company has a long term interest and shares control under a contractual arrangement are classified as jointly controlled entities.

#### 1.6 Impairment of fixed assets

At each reporting period end date, the company reviews the carrying amounts of its tangible assets to determine whether there is any indication that those assets have suffered an impairment loss. If any such indication exists, the recoverable amount of the asset is estimated in order to determine the extent of the impairment loss (if any). Where it is not possible to estimate the recoverable amount of an individual asset, the company estimates the recoverable amount of the cash-generating unit to which the asset belongs.

Recoverable amount is the higher of fair value less costs to sell and value in use. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset for which the estimates of future cash flows have not been adjusted.

If the recoverable amount of an asset (or cash-generating unit) is estimated to be less than its carrying amount, the carrying amount of the asset (or cash-generating unit) is reduced to its recoverable amount. An impairment loss is recognised immediately in profit or loss, unless the relevant asset is carried at a revalued amount, in which case the impairment loss is treated as a revaluation decrease.

# MAGNETIC SYSTEMS TECHNOLOGY LIMITED

## NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

FOR THE YEAR ENDED 31 DECEMBER 2017

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### 1 Accounting policies

(Continued)

Recognised impairment losses are reversed if, and only if, the reasons for the impairment loss have ceased to apply. Where an impairment loss subsequently reverses, the carrying amount of the asset (or cash-generating unit) is increased to the revised estimate of its recoverable amount, but so that the increased carrying amount does not exceed the carrying amount that would have been determined had no impairment loss been recognised for the asset (or cash-generating unit) in prior years. A reversal of an impairment loss is recognised immediately in profit or loss, unless the relevant asset is carried at a revalued amount, in which case the reversal of the impairment loss is treated as a revaluation increase.

#### 1.7 Stocks

Stocks are stated at the lower of cost and estimated selling price less costs to complete and sell. Cost comprises direct materials and, where applicable, direct labour costs and those overheads that have been incurred in bringing the stocks to their present location and condition.

At each reporting date, an assessment is made for impairment. Any excess of the carrying amount of stocks over its estimated selling price less costs to complete and sell is recognised as an impairment loss in profit or loss. Reversals of impairment losses are also recognised in profit or loss.

#### 1.8 Cash at bank and in hand

Cash at bank and in hand are basic financial assets and include cash in hand, deposits held at call with banks, other short-term liquid investments with original maturities of three months or less, and bank overdrafts. Bank overdrafts are shown within borrowings in current liabilities.

#### 1.9 Financial instruments

The company has elected to apply the provisions of Section 11 'Basic Financial Instruments' and Section 12 'Other Financial Instruments Issues' of FRS 102 to all of its financial instruments.

Financial instruments are recognised in the company's balance sheet when the company becomes party to the contractual provisions of the instrument.

Financial assets and liabilities are offset, with the net amounts presented in the financial statements, when there is a legally enforceable right to set off the recognised amounts and there is an intention to settle on a net basis or to realise the asset and settle the liability simultaneously.

##### *Basic financial assets*

Basic financial assets, which include debtors and cash and bank balances, are initially measured at transaction price including transaction costs and are subsequently carried at amortised cost using the effective interest method unless the arrangement constitutes a financing transaction, where the transaction is measured at the present value of the future receipts discounted at a market rate of interest. Financial assets classified as receivable within one year are not amortised.

##### *Classification of financial liabilities*

Financial liabilities and equity instruments are classified according to the substance of the contractual arrangements entered into. An equity instrument is any contract that evidences a residual interest in the assets of the company after deducting all of its liabilities.

# MAGNETIC SYSTEMS TECHNOLOGY LIMITED

## NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

FOR THE YEAR ENDED 31 DECEMBER 2017

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### 1 Accounting policies

(Continued)

#### *Basic financial liabilities*

Basic financial liabilities, including creditors, bank loans, loans from fellow group companies and preference shares that are classified as debt, are initially recognised at transaction price unless the arrangement constitutes a financing transaction, where the debt instrument is measured at the present value of the future payments discounted at a market rate of interest. Financial liabilities classified as payable within one year are not amortised.

Debt instruments are subsequently carried at amortised cost, using the effective interest rate method.

Trade creditors are obligations to pay for goods or services that have been acquired in the ordinary course of business from suppliers. Amounts payable are classified as current liabilities if payment is due within one year or less. If not, they are presented as non-current liabilities. Trade creditors are recognised initially at transaction price and subsequently measured at amortised cost using the effective interest method.

#### 1.10 Equity instruments

Equity instruments issued by the company are recorded at the proceeds received, net of direct issue costs. Dividends payable on equity instruments are recognised as liabilities once they are no longer at the discretion of the company.

#### 1.11 Taxation

The tax expense represents the sum of the tax currently payable and deferred tax.

##### *Current tax*

The tax currently payable is based on taxable profit for the year. Taxable profit differs from net profit as reported in the profit and loss account because it excludes items of income or expense that are taxable or deductible in other years and it further excludes items that are never taxable or deductible. The company's liability for current tax is calculated using tax rates that have been enacted or substantively enacted by the reporting end date.

##### *Deferred tax*

Deferred tax liabilities are generally recognised for all timing differences and deferred tax assets are recognised to the extent that it is probable that they will be recovered against the reversal of deferred tax liabilities or other future taxable profits. Such assets and liabilities are not recognised if the timing difference arises from goodwill or from the initial recognition of other assets and liabilities in a transaction that affects neither the tax profit nor the accounting profit.

The carrying amount of deferred tax assets is reviewed at each reporting end date and reduced to the extent that it is no longer probable that sufficient taxable profits will be available to allow all or part of the asset to be recovered. Deferred tax is calculated at the tax rates that are expected to apply in the period when the liability is settled or the asset is realised. Deferred tax is charged or credited in the profit and loss account, except when it relates to items charged or credited directly to equity, in which case the deferred tax is also dealt with in equity. Deferred tax assets and liabilities are offset when the company has a legally enforceable right to offset current tax assets and liabilities and the deferred tax assets and liabilities relate to taxes levied by the same tax authority.



# MAGNETIC SYSTEMS TECHNOLOGY LIMITED

## NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

FOR THE YEAR ENDED 31 DECEMBER 2017

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### 1 Accounting policies

(Continued)

#### 1.12 Employee benefits

The costs of short-term employee benefits are recognised as a liability and an expense, unless those costs are required to be recognised as part of the cost of stock or fixed assets.

The cost of any unused holiday entitlement is recognised in the period in which the employee's services are received.

Termination benefits are recognised immediately as an expense when the company is demonstrably committed to terminate the employment of an employee or to provide termination benefits.

#### 1.13 Retirement benefits

Payments to defined contribution retirement benefit schemes are charged as an expense as they fall due.

#### 1.14 Leases

Leases are classified as finance leases whenever the terms of the lease transfer substantially all the risks and rewards of ownership to the lessees. All other leases are classified as operating leases.

Assets held under finance leases are recognised as assets at the lower of the assets fair value at the date of inception and the present value of the minimum lease payments. The related liability is included in the balance sheet as a finance lease obligation. Lease payments are treated as consisting of capital and interest elements. The interest is charged to the profit and loss account so as to produce a constant periodic rate of interest on the remaining balance of the liability.

Rentals payable under operating leases, including any lease incentives received, are charged to income on a straight line basis over the term of the relevant lease except where another more systematic basis is more representative of the time pattern in which economic benefits from the lease asset are consumed.

#### 1.15 Government grants

Grants are credited to deferred revenue. Grants towards capital expenditure are released to the profit and loss account over the expected useful life of the assets. Grants towards revenue expenditure are released to the profit and loss account as the related expenditure is incurred in the proportion of the grant income receivable in respect of project costs to total project costs.

#### 1.16 Foreign exchange

Transactions in currencies other than pounds sterling are recorded at the rates of exchange prevailing at the dates of the transactions. At each reporting end date, monetary assets and liabilities that are denominated in foreign currencies are retranslated at the rates prevailing on the reporting end date. Gains and losses arising on translation are included in the profit and loss account for the period.

### 2 Employees

The average monthly number of persons (including directors) employed by the company during the year was 67 (2016 - 47).

# MAGNETIC SYSTEMS TECHNOLOGY LIMITED

## NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

FOR THE YEAR ENDED 31 DECEMBER 2017

### 3 Tangible fixed assets

	Plant and machinery etc £
<b>Cost</b>	
At 1 January 2017	1,386,749
Additions	113,790
	<hr/>
At 31 December 2017	1,500,539
	<hr/>
<b>Depreciation and impairment</b>	
At 1 January 2017	824,607
Depreciation charged in the year	166,056
	<hr/>
At 31 December 2017	990,663
	<hr/>
<b>Carrying amount</b>	
At 31 December 2017	509,876
	<hr/> <hr/>
At 31 December 2016	562,142
	<hr/> <hr/>

### 4 Fixed asset investments

	2017 £	2016 £
Investments	174,014	174,014
	<hr/> <hr/>	<hr/> <hr/>

#### Fixed asset investments not carried at market value

The company holds 15% of the share capital of ACM EV Systems (Changshu) Co Ltd, a company registered in China. This has been valued at historic cost.

# MAGNETIC SYSTEMS TECHNOLOGY LIMITED

## NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

FOR THE YEAR ENDED 31 DECEMBER 2017

### 5 Debtors

	2017	2016
	£	£
Amounts falling due within one year:		
Trade debtors	195,240	626,526
Corporation tax recoverable	197,622	127,946
Other debtors	616,539	581,268
	<u>1,009,401</u>	<u>1,335,740</u>

### 6 Creditors: amounts falling due within one year

	Notes	2017	2016
		£	£
Obligations under finance leases		113,630	70,213
Other borrowings		346,401	141,497
Trade creditors		340,028	392,602
Other taxation and social security		50,565	55,475
Accruals and deferred income		441,537	42,907
		<u>1,292,161</u>	<u>702,694</u>

Creditors: amounts falling due within one year includes £113,630 (2016 - £70,213) which is secured on assets subject to hire purchase agreements.

### 7 Creditors: amounts falling due after more than one year

	Notes	2017	2016
		£	£
Obligations under finance leases		127,205	93,009
Other borrowings		1,079,950	1,487,752
		<u>1,207,155</u>	<u>1,580,761</u>

Creditors: amounts falling due after more than one year includes £127,205 (2016 - £93,009) which is secured on assets subject to hire purchase agreements.

# MAGNETIC SYSTEMS TECHNOLOGY LIMITED

## NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

FOR THE YEAR ENDED 31 DECEMBER 2017

### 8 Deferred income

	2017	2016
	£	£
Government grants	96,348	525,265
	<u>          </u>	<u>          </u>

### 9 Called up share capital

	2017	2016
	£	£
<b>Ordinary share capital</b>		
<b>Issued and fully paid</b>		
980 Ordinary shares of 1p each	10	10
	<u>          </u>	<u>          </u>
	10	10
	<u>          </u>	<u>          </u>

#### Share repurchase and cancellation

In 2017 the company agreed to purchase 20 ordinary shares of £0.01 each from J Sokel for £28,000. These shares were repurchased and cancelled in November 2017.

### 10 Operating lease commitments

#### **Lessee**

At the reporting end date the company had outstanding commitments for future minimum lease payments under non-cancellable operating leases, as follows:

2017	2016
£	£
625,022	242,529
<u>          </u>	<u>          </u>

### 11 Related party transactions

#### **Transactions with related parties**

The company has an interest free loan from the director of the company in the amount of £109,210 (2016 - £216,846).

# MAGNETIC SYSTEMS TECHNOLOGY LIMITED

## NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)

*FOR THE YEAR ENDED 31 DECEMBER 2017*

### 12 Prior period adjustment

#### Reconciliation of changes in equity

	1 January 2016	31 December 2016
Notes	£	£
Equity as previously reported	714,315	1,128,256
<b>Adjustments to prior year</b>		
Adjustment to capital grant deferred income	(106,312)	(207,627)
Equity as adjusted	608,003	920,629

#### Notes to reconciliation

The prior year adjustment adjusts the timing of the release of a capital grant following a correction to the amount of grant receivable.

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