

Games Workshop Group

FY21 results

Indomitable

Games Workshop's (GAW) FY21 results were at record levels from the perspective of revenue, profitability, cash flow generation and cash returns to shareholders, driven by the launch of the ninth edition of 40K as well as products from prior year releases. The phasing and scale of future new product releases in FY22 and FY23 may produce lower rates of growth than FY21. Management's focus on product innovation, customer engagement and geographic expansion has tended to provide positive surprises. Our DCF-based valuation increases by c 8% to £129 per share.

	Revenue	PBT*	EPS*	DPS	P/E	Yield
Year end	(£m)	(£m)	(p)	(p)	(x)	(%)
05/20	269.7	89.4	217.8	145	54.2	1.2
05/21	353.2	150.9	370.5	235	31.9	2.0
05/22e	376.9	158.1	387.1	250	30.5	2.1
05/23e	395.3	163.4	398.8	275	29.6	2.3

Note: *PBT and diluted EPS are normalised, excluding amortisation of acquired intangibles and exceptional items.

FY21: An exceptional year

The extent of GAW's FY21 success is highlighted by the fact that its FY21 operating profit pre-royalty income of £135.4m was greater than those of FY18 (£64.7m) and FY19 (£69.8m) combined, prior to the disruption caused by COVID-19 in FY20. Constant currency revenue growth of c 34% and limited underlying cost inflation produced significant operational gearing, operating profit pre-royalty income increased by 85% and the margin increased by over 11pp to 38.3%. The higher absolute profits and stable free cash generation, relative to revenue, enabled a strong improvement in cash returns to shareholders, up 62% y-o-y to 235p per share, and an improvement in the year-end net cash position to £85.2m (FY20 £52.9m).

Forecasts: Lower growth due to phasing of releases

Following the publication of FY21 results our forecasts for FY22 are broadly unchanged and we introduce estimates for FY23. In FY22, we forecast y-o-y revenue growth of c 7%, operating profit before royalties of c 5%, and a modest increase in royalty income to £17m from £16.3m. In FY23, we assume c 5% revenue growth to £395.3m and c 4% growth in operating profit before royalty income. With stable royalty income, this translates to growth in PBT of c 3% to £164.1m. Our DPS forecasts of 250p in FY22 and 275p in FY23 represent cash costs of £82.1m and £90.6m, versus our estimates of free cash flow post interest of £121.6m in FY22 and £127.9m in FY23.

Valuation: DCF-based valuation increased to £129

To reflect the rolling forward of results and our revised estimates, we have increased our DCF-based valuation by c 8% to c £129 per share (from £120 per share). The prospective P/E multiples for FY22 and FY23 of 30.5x and 29.6x respectively compare with the recent peak of 32.2x in FY21.

Consumer goods

10 August 2021

Price	11,810p
Market cap	£3,871m

Net cash (£m) at 31 May 2021 (excluding lease liabilities)	85.2
(
Shares in issue	32.8m
Free float	97%
Code	GAW
Primary exchange	LSE
Secondary exchange	N/A

Share price performance



Business description

Games Workshop is a leading international specialist designer, manufacturer and multi-channel retailer of miniatures, scenery, artwork and fiction for tabletop miniature games set in its fantasy Warhammer worlds.

Next events	
AGM	September 2021
H122 results	January 2022
Analysts	
Russell Pointon	+44 (0)20 3077 5700
Sara Welford	+44 (0)20 3077 5700
consumer@edisongrou	up.com

Edison profile page

Games Workshop Group is a research client of Edison Investment Research Limited



FY21 results: Exceptional growth and operational gearing

Games Workshop's FY21 results demonstrated exceptional growth despite the disruption to offline channels due to the COVID-19 pandemic and operational challenges around Brexit. The July 2020 launch of the ninth edition of Warhammer 40K, Indomitus, was an important driver to revenue growth, as was ongoing demand for existing products of prior years' editions. Limited underlying operating cost inflation led to significant operational gearing.

Revenue grew by 31% to £353.2m, c 34% on a constant currency basis, operating profit preroyalties increased by 85% to £135.4m, and PBT by c 69% to £150.9m. These compare with the pre-close trading update in May 2021 for revenue of 'not less than £350m' and PBT of 'not less than £150m'.

£m	H120	H220	FY20	H121	H221	FY21
Total revenue	148.4	121.4	269.7	186.8	166.4	353.2
- Trade	78.1	61.9	140.0	104.0	90.8	194.8
- Retail	45.8	32.2	78.0	36.9	33.8	70.7
- Online	24.5	27.3	51.7	45.9	41.8	87.7
Growth y-o-y:						
Total revenue	18.5%	(7.6%)	5.1%	25.9%	37.1%	31.0%
- Trade	27.1%	3.2%	15.3%	33.2%	46.7%	39.1%
- Retail	7.7%	(28.9%)	(11.2%)	(19.4%)	5.0%	(9.4%)
- Online	15.2%	4.4%	9.2%	87.7%	53.4%	69.6%
Constant currency growth y-o-y:						
Total revenue	16.3%	N/D	4.6%	26.8%	N/D	33.9%
- Trade	23.9%	N/D	14.4%	34.3%	N/D	43.3%
- Retail	6.3%	N/D	(11.6%)	(18.6%)	N/D	(7.7%)
- Online	14.2%	N/D	9.3%	87.8%	N/D	71.0%
Gross profit	103.0	77.6	180.6	141.1	115.8	256.9
Gross margin	69.5%	63.9%	67.0%	75.5%	69.6%	72.7%
Gross margin gearing	83%	119%	56%	99%	85%	91%
Operating costs	(54.5)	(52.9)	(107.4)	(57.8)	(63.7)	(121.5)
Operating profit (pre-royalties)	48.5	24.7	73.2	83.3	52.1	135.4
Margin	32.7%	20.4%	27.1%	44.6%	31.3%	38.3%
Growth y-o-y	37.4%	(28.5%)	4.8%	71.8%	110.8%	85.0%
Operational gearing	57%	98%	26%	91%	61%	74%
Other operating income (royalties)	10.7	6.1	16.8	8.7	7.6	16.3
PBT	58.6	30.8	89.4	91.6	59.3	150.9
Growth y-o-y	43.6%	(23.9%)	10.0%	56.4%	92.4%	68.8%
EPS, diluted (p)	144.6	73.2	217.8	224.0	146.5	370.5
Growth y-o-y	44.4%	(27.3%)	8.5%	54.9%	100.2%	70.1%
DPS (p)	100.0	45.0	145.0	80.0	155.0	235.0
Growth y-o-y	53.8%	(50.0%)	(6.5%)	(20.0%)	244.4%	62.1%
Net cash excluding leases	33.0	52.9	52.9	96.5	85.2	85.2
Net cash including leases	4.5	20.8	20.8	51.2	38.2	38.2

Revenue: Driven by Online and Trade

As Retail continued to be affected by COVID-19 related store closures and social distancing restrictions through the year, with a constant currency revenue decline of c 9% y-o-y, customer demand was more than adequately sated by the Online and Trade channels, with y-o-y growth respective rates of 71% and 43% at constant currency.

The comparison of y-o-y six-monthly growth rates for the three channels in FY21 versus FY20 is complicated by the outbreak of COVID-19 (end of H220); however, the initial boost to total revenue



in H121 from the Indomitus launch versus H221 is evident, reflecting the typical H1:H2 revenue split in the year of a major relaunch. In Exhibit 2 we highlight the impact of new and existing products on GAW's revenue growth. Since FY18, the percentage of revenue from 'new' and 'existing' products has been consistent at 38% and 62% respectively, implying their respective annual growth rates have been comparable, and are testimony to the multi-year revenues earned following the launch of a new edition of the major games, 40K and Age of Sigmar. The impact on annual revenue of the phased new product launches that follow each new edition are difficult to track as new product revenue in any year is a combination of those from any new edition launched in that year and from prior years' editions. Exhibit 2 provides some insight to the relative scale of 40K and Age of Sigmar in the launch year of a new edition. In FY21, when the ninth edition of 40K was released, revenue from new products was c £134m versus c £98m in FY19 when the second edition of Age of Sigmar was released.

Exhibit 2: Phasing of launches and revenue											
£m	FY16	FY17	FY18	FY19	FY20	FY21					
Revenue	118.1	158.1	221.3	256.6	269.7	353.2					
Revenue from 'new' products	35.4	53.8	84.1	97.5	102.5	134.2					
Revenue from 'old' products	82.6	104.4	137.2	159.1	167.2	219.0					
Revenue from 'new' products (%)	30%	34%	38%	38%	38%	38%					
Revenue from 'old' products (%)	70%	66%	62%	62%	62%	62%					
Edition launch in FY	Age of Sigmar (1st)		40K (8th)	Age of Sigmar (2nd)		40K (9th)					
Source: Games Workshop acco	ounts, Edison Investment	Research									

There has been renewed momentum in the number of net new accounts in GAW's Trade channel, 500 net new accounts in FY21 took the total to c 5,400. Prior to FY19, GAW was adding up to 200 net new accounts per annum, which accelerated to 600 in FY19 before a lower net 200 additions in FY20, likely influenced by COVID-19 disruption.

FY21's Retail revenue of £70.7m compares with the peak of £87.8m in FY19. By the end of FY21 the net number of locations was modestly lower at 523 from 531 in the prior year, with one more location in North America (to 161), and fewer locations in the UK (by two to 138), continental Europe (by four to 153), and Asia (by three to 22). FY21 represented the first year that the net number of stores declined y-o-y since FY13 and reflects the typical churn of store locations but without the ability to open new stores due to COVID-19 disruption. In FY21, 90 stores did not break even. Management is committed to new store openings and the size and shape of the portfolio remains a focus. As the stores re-open the performance of each will be kept under review and will be closed if they do not meet management's financial criteria.

In recent years currency translation has been relatively benign for GAW's financials, but the 9% appreciation in the average exchange rate y-o-y of sterling versus the US dollar (\$/£1.38 in H221 from \$/£1.27 in H220) presented a modest currency headwind for reported numbers. Currency translation negatively affected FY21 revenue by c £8m and profit by £4m. 77% of Games Workshop's revenue was generated overseas during FY21.

Profitability: High operational gearing

Management attributes the increase in gross margin to volume leverage, sales and channel mix (including price which is typically raised by a few percentage points on new releases), as well as the disruption to production in the prior year which required a higher inventory provision. The gross margin improved to 72.7% from 67.0% in FY20, equating to gross margin gearing (the proportion of incremental revenue that dropped through to gross profit) of 91%. We have deconstructed the constituent parts of costs of goods sold (COGS) using the company's disclosure of costs (inventory, depreciation and amortisation), and our estimates for other costs to determine the sources of the changes in gross margin. We include long-term numbers to show how product cost ratios are influenced by new edition and product releases.



	FY15	FY16	FY17	FY18	FY19	FY20	FY21
Cost of inventory	15.4%	15.2%	15.8%	13.0%	15.4%	14.5%	15.8%
Net inventory provision	1.0%	1.5%	0.9%	1.8%	2.2%	2.4%	0.3%
Staff costs	3.2%	3.5%	3.5%	5.8%	6.3%	6.2%	6.7%
Depreciation	2.5%	2.7%	2.4%	1.8%	2.1%	2.3%	1.8%
Amortisation	4.2%	3.3%	1.9%	2.0%	2.2%	1.9%	1.4%
Other	4.7%	5.4%	3.1%	4.7%	4.2%	5.8%	1.3%
Total COGS	31.0%	31.7%	27.6%	29.0%	32.5%	33.0%	24.5%
Edition launch in FY	40K (7th)	Age of Sigmar (1st)		40K (8th)	Age of Sigmar (2nd)		40K (9th)

The y-o-y decrease in inventory costs and provision relative to revenue (16.1% in FY21 versus 16.9% in FY20) was further boosted by the leveraging of all other costs. Relative to FY18, when the prior edition of 40K was released, we can see higher inventory costs and provision in FY21 than the 14.8% in FY18, offset by lower other costs relative to revenue.

As can be seen in Exhibit 1, total operating costs increased to £121.5m from £107.4m, a y-o-y increase of c 13%. Excluding the staff bonus (cost of £10.6m in FY21 versus zero in FY20) there was limited total underlying cost inflation (c 3%) to support the higher sales growth. The bonus of £10.6m is significantly higher than in prior years, c £3m pa in FY17–19.

The higher gross margin and lower operating cost growth translated through to a significant increase in the operating margin pre-royalties, to 38.3% from 27.1% in FY20. The reported operating profit of £135.4m, was equivalent to more than the combined profits of FY18 and FY19 of £134.5m.

Royalty income from licensing declined modestly to £16.3m from £16.8m in FY20, representing the first annual y-o-y decline since FY13. The decline is attributed to the high level of guarantee income on multi-year contracts that was recognised on inception in the prior year.

With a persistent net cash position, the net financial expense of £0.8m is mainly the interest liability on its operating leases.

At 19.2% the effective tax rate for FY21 was modestly below FY20's 20.2%.

Through FY21, shareholders have been handsomely rewarded with five dividends declared through the year, totalling 235p per share versus 145p in FY20. The dividend compares with the company's free cash flow (FCF) per share post interest of 313p in FY21. A higher proportion of free cash flow was paid out as dividends in FY21 (cover 1.3x) than in FY20 (cover 1.7x), which reflects some likely caution one year ago due to the uncertainties presented by COVID-19 and management's desire to build its operating cash buffer (see below). GAW's dividend policy is to return 'truly surplus cash' to shareholders, rather than with reference to an earnings or cash payout ratio.

Exhibit 4: Dividend progression									
	FY15	FY16	FY17	FY18	FY19	FY20	FY21	CAGR	
EPS (p)	38	42	94	182	201	218	371	46%	
DPS (p)	52	40	74	126	155	145	235	29%	
Earnings cover (x)	0.7	1.0	1.3	1.4	1.3	1.5	1.6		
FCF per share (p)	34	36	96	148	153	244	313	44%	
Dividend cash cover (x)	0.7	0.9	1.3	1.2	1.0	1.7	1.3		
Source: Company accounts. E	dison Investme	nt Resear	ch						

Cash flow and balance sheet: Net cash position increased

GAW's free cash flow generation pre-interest and relative to revenue in FY21 was broadly consistent with FY20, as marginally lower operating cash generation was offset by lower investment in fixed and intangible assets. The change in operating cash generation reflects the higher operating margin (discussed above) offset by a reversion to a more normal working capital outflow



versus the inflow in FY20. Working capital investment was lower in FY20 due to the factory being closed at the period end due to COVID-19, and the receipt of financial support from the government through the pandemic that was subsequently repaid, amongst other items. On an absolute basis FY21's FCF pre-interest of £102.7m compares with FY20's £79.9m.

	FY15	FY16	FY17	FY18	FY19	FY20	FY21
Operating cash flow	19.5%	20.5%	27.8%	31.7%	28.2%	38.7%	37.6%
- Operating profit	13.8%	14.3%	24.2%	33.6%	31.6%	33.4%	43.0%
- Depreciation, amortisation and impairments	9.3%	8.8%	7.0%	5.5%	6.2%	9.5%	7.5%
- Working capital	(1.9%)	(0.6%)	(0.2%)	(2.0%)	(3.5%)	4.0%	(4.2%
- Tax paid	(1.9%)	(2.2%)	(3.5%)	(5.5%)	(6.4%)	(8.4%)	(9.1%
Investing cash flow	(10.3%)	(10.7%)	(8.1%)	(9.7%)	(8.7%)	(9.1%)	(8.4%
- Capex	(5.7%)	(4.5%)	(3.4%)	(6.6%)	(5.3%)	(6.0%)	(4.9%
- Intangibles	(0.8%)	(2.4%)	(1.1%)	(0.7%)	(0.7%)	(0.9%)	(0.8%
- Capitalised development	(3.8%)	(3.9%)	(3.6%)	(2.4%)	(2.7%)	(2.2%)	(2.7%
FCF pre-interest	9.3%	9.9%	19.7%	21.9%	19.5%	29.7%	29.19

At the end of FY21, the net cash position improved significantly to £85.2m from £52.9m. The FCF pre-interest of £102.7m funded dividend payments of £60.5m (FY20 £47.3m) and the repayment of lease liabilities of £10.9m. A 'working cash buffer' of three months' worth of working capital requirement alongside six months' worth of tax payments and capital expenditure has been set aside before deciding how much cash is truly surplus for the purpose of declaring dividends. Including lease liabilities of £47m, the net cash position at the end of FY21 was £38.2m.

Of note is the significant increase in GAW's return on capital employed in FY21 to 184% from 94% in FY20 due to the higher profitability and its lower capital base.

Outlook: Long-term focus

Management has not provided financial guidance for FY22 but will update on progress through the year. There is consistent messaging of focusing on the long term, and what is in its control. The uncertainty caused by COVID-19 and Brexit are highlighted; the latter disrupted sales in H221, but management believes it now has reliable cross-border service up and running.

Management list six priorities for FY22: investment in new product quality; ensuring new factories and warehouses deliver the appropriate cash back, staff training and development; growth in every country in the world, by channel and of licensing income; engagement with customers; and social responsibility has been added as a key focus.

Following the release of 40k, Indomitus in FY21, FY22 will benefit from the recent (June 2021) release of the third edition of Age of Sigmar, Dominion. Historically, Age of Sigmar's revenue is not as significant as that of 40K, as identified earlier, therefore when coupled with the tough comparative of FY21, it is unlikely that Games Workshop will be able to replicate FY21's growth rates.

With respect to licensing, several large franchises for video games will launch in the next 12 months and there are currently 15 video games in development.

Forecasts: More muted growth likely in FY22 and FY23

Following the publication of FY21 results, our forecasts for FY22 are broadly unchanged and we introduce estimates for FY23.

As highlighted, the launch of the third edition of Age of Sigmar, Dominion in FY22 should contribute lower incremental revenue than the launch of the ninth edition of 40K, Indomitus in FY21. In addition, in FY19 when the second edition of Age of Sigmar was launched, GAW's gross margin



was 67.5% versus FY18's 71%, when the eighth edition of 40K was released. As Retail re-opens post COVID-19, its lower gross margin versus Trade and Online may dampen gross margin on a like-for-like basis.

In FY22, we forecast revenue growth of c 7% to £376.9m, a reduction in gross margin to 70% from 72.7% in FY21 to reflect lower expected margins from mix of products and channels. With limited growth in operating costs, we forecast an increase in operating profit before royalties of c 5% to £141.8m, a margin of 37.6%. We assume a modest increase in royalty income to £17m from £16.3m, and re-iterate the difficulty in forecasting this income, which represents pure incremental profit.

FY23 will continue to benefit from second-year sales of Dominion and other products, therefore we assume c 5% revenue growth to £395.3m. We assume a further reduction in gross margin to 69% in FY23 (from 70% in FY22) to reflect mix of products and channels. We assume 3% operating cost inflation, leading to c 4% growth in operating profit before royalty income. With stable y-o-y royalty income of £17m, this translates to PBT growth of c 3% to £164.1m.

Our DPS forecasts of 250p in FY22 and 275p in FY23 represent cash costs of £82.1m and £90.6m, versus our estimates of free cash flow post interest of £121.6m in FY22 and £127.9m in FY23.

Valuation: DCF-based valuation increased by c 8%

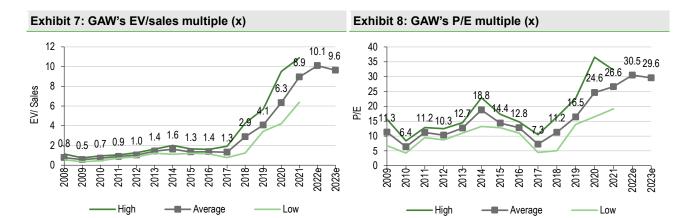
The roll forward of results and changes to our estimates leads to an increase in our DCF-based valuation of 8% to c £129 per share (from £120 per share). Our DCF assumes a WACC of 6.5% and terminal growth rate of 2% after 2031. The sensitivity of the DCF to changes in assumptions for WACC and terminal growth are highlighted below.

Exhibit 6: DCF se	nsitivity (p pe	er share)										
		Cost of capital										
		5.5%	6.0%	6.5%	7.0%	7.5%						
	1.0%	13,929	12,443	11,229	10,221	9,370						
	1.5%	15,212	13,427	12,002	10,839	9,872						
Terminal growth	2.0%	16,861	14,658	12,947	11,580	10,465						
	2.5%	19,061	16,240	14,127	12,487	11,177						
	3.0%	22,139	18,349	15,645	13,620	12,047						
Source: Edison Inves	stment Research	1										

In Exhibits 7 and 8 we show GAW's prospective EV/ sales (current EV) and P/E for FY22 and FY23 versus historic high, average and low multiples (historic EV) in those years. We exclude IFRS 16 debt so that the EV is comparable across time.

The EV/sales multiples for FY22 and FY23 of 10.1x and 9.6x compare with the long-term average since FY08 of 2.4x, which reflects the significantly higher growth prospects and profitability versus historically given management's focus on developing and growing the company's key properties. The prospective multiples compare with a recent high EV/sales multiple of 10.9x in FY21. Similarly, the prospective P/E multiples for FY22 and FY23 of 30.5x and 29.6x compare with a recent peak of 32.2x in FY21, and the FY20 peak multiple of 36.5x reflects the negative effects of COVID-19 on GAW's profitability.





Source: Games Workshop, Refinitiv, Edison Investment Research

Source: Games Workshop, Refinitiv, Edison Investment Research



Year-end May	£m	2015	2016	2017	2018	2019	2020	2021	2022e	2023
		IFRS	IFRS	IFRS	IFRS	IFRS	IFRS	IFRS	IFRS	IFR
NCOME STATEMENT										
Total revenues		119.1	118.1	158.1	221.3	256.6	269.7	353.2	376.9	395
Cost of sales		(37.0)	(37.4)	(43.7)	(64.2)	(83.3)	(89.1)	(96.3)	(113.1)	(122.
Gross profit		82.1	80.6	114.4	157.1	173.3	180.6	256.9	263.8	272
SG&A (expenses)		(67.2)	(69.7)	(83.6) 7.5	(92.4) 9.6	(103.4) 11.4	(107.4)	(121.5)	(122.0)	(125.
Other operating income/(expense) Exceptionals and adjustments		1.5 0	5.9 0	7.5	9.6	0	16.8	16.3	17.0 0	17
EBITDA (excl royalties)		26.0	21.3	41.8	76.8	85.7	98.8	162.0	168.9	175
EBITDA		27.5	27.3	49.3	86.5	97.1	115.6	178.3	185.9	192
Depreciation and amortisation		(11.1)	(10.4)	(11.0)	(12.1)	(15.9)	(25.6)	(26.6)	(27.1)	(28.
Operating profit (before royalties and exceptionals)		14.9	10.9	30.8	64.7	69.8	73.2	135.4	141.8	147
Reported operating profit		16.5	16.9	38.3	74.3	81.2	90.0	151.7	158.8	164
Finance income/(expense)		0.1	0.1	0.1	(0.0)	0.1	(0.6)	(0.8)	(0.7)	(0.
Reported PBT		16.6	16.9	38.4	74.3	81.3	89.4	150.9	158.1	163
ncome tax expense (includes exceptionals)		(4.3)	(3.5)	(7.9)	(14.8)	(15.5)	(18.1)	(28.9)	(30.3)	(31.
Adjusted net income		12.2	13.5	30.5	59.5	65.8	71.3	122.0	127.8	132
Reported net income		12.3	13.5	30.5	59.5	65.8	71.3	122.0	127.8	132
WASC (m)		31.975	32.093	32.126	32.258	32.438	32.602	32.733	32.827	32.9
Diluted average number of shares (m)		32.025	32.150	32.325	32.732	32.785	32.736	32.927	33.021	33.1
Reported EPS (p)		38.3	42.1	95.1	184.3	202.9	218.7	372.7	389.4	401
Reported diluted EPS (p)		38.3	42.0	94.5	181.6	200.8	217.8	370.5	387.1	39
Adjusted diluted EPS (p)		38.1	42.0	94.5	181.6	200.8	217.8	370.5	387.1	39
OPS (p)		52.0	40.0	74.0	126.0	155.0	145.0	235.0	250.0	27
Gross margin		69.0%	68.3%	72.4%	71.0%	67.5%	67.0%	72.7%	70.0%	69.0
EBITDA margin (excl royalties)		21.8%	18.1%	26.5%	34.7%	33.4%	36.6%	45.9%	44.8%	44.4
EBITDA margin (incl royalties)		23.1%	23.1%	31.2%	39.1%	37.8%	42.9%	50.5%	49.3%	48.
<u> </u>		12.5%	9.2%	19.5%	29.2%	27.2%	27.1%	38.3%	37.6%	37.2
BALANCE SHEET		22.7	22.6	22.1	30.1	35.3	42.0	49.8	58.7	6
Property, plant and equipment Right-of-use assets		22.1	22.0	22.1	30.1	33.3	31.9	49.0	45.0	6°
Goodwill		1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	
ntangible assets		8.3	10.5	12.9	14.2	16.0	17.6	23.7	29.7	35
Other non-current assets		4.8	4.1	6.5	7.8	11.7	16.4	16.4	16.4	16
Total non-current assets		37.2	38.7	43.0	53.5	64.4	109.3	137.3	151.2	164
Cash and equivalents		12.6	11.8	17.9	28.5	29.4	52.9	85.2	113.8	14
nventories		7.6	8.5	12.4	20.2	24.2	20.7	27.5	32.3	3
Trade and other receivables		9.4	10.1	13.0	15.5	18.8	19.6	30.6	32.7	3
Other current assets		0.6	0.7	0.6	0.5	0.8	0.2	1.1	1.1	
Total current assets		30.2	31.2	43.9	64.7	73.2	93.4	144.4	179.8	21
Frade and other payables		(13.1)	(12.8)	(16.5)	(20.3)	(19.2)	(30.3)	(35.4)	(38.7)	(40
Borrowings		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
_eases		0.0	0.0	0.0	0.0	0.0	(8.3)	(8.6)	(8.6)	3)
Other current liabilities		(2.0)	(2.7)	(6.5)	(7.3)	(10.1)	(4.5)	(0.7)	(0.7)	(0
Total current liabilities		(15.1)	(15.6)	(23.0)	(27.6)	(29.3)	(43.1)	(44.7)	(48.0)	(50
Borrowings		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(0)
Leases		0.0	0.0	0.0	0.0	0.0	(23.8)	(38.4)	(37.5)	(36
Other non-current liabilities		(0.8)	(1.1)	(1.0)	(1.2)	(1.9)	(2.1)	(2.3)	(2.3)	(2
Total non-current liabilities Net assets		(0.8) 51.5	(1.1)	(1.0) 62.8	(1.2) 89.3	(1.9) 106.5	(25.9) 133.7	(40.7) 196.3	(39.8)	(38 28
CASH FLOW STATEMENT		31.3	33.2	02.0	05.5	100.5	133.1	190.5	243.2	20
BIT		16.5	16.9	38.3	74.3	81.2	90.0	151.7	158.8	16
Depreciation and amortisation		11.1	10.4	10.2	12.2	15.9	25.0	26.2	27.1	2
mpairments		0.0	0.0	0.8	(0.0)	0.0	0.6	0.4	0.0	
Share-based payments		0.2	0.2	0.2	0.2	0.3	0.5	1.2	1.2	
Other adjustments		0.1	0.1	0.1	0.1	0.3	0.3	0.1	0.0	
Novements in working capital		(2.3)	(0.8)	(0.2)	(4.4)	(9.0)	10.8	(14.8)	(3.5)	(2
ncome taxes paid		(2.3)	(2.6)	(5.5)	(12.2)	(16.3)	(22.7)	(32.1)	(30.3)	(3
Operating cash flow		23.3	24.2	43.9	70.1	72.5	104.5	132.7	153.4	16
Net capex and intangibles		(12.3)	(12.7)	(12.8)	(21.6)	(22.5)	(24.6)	(30.0)	(31.1)	(3
let interest		0.1	0.1	0.1	(0.0)	0.1	0.1	0.2	(0.7)	((
let proceeds from issue of shares		0.7	0.3	0.1	0.9	0.7	0.8	1.4	0.0	
Dividends paid		(16.6)	(12.8)	(23.8)	(38.7)	(50.3)	(47.3)	(60.5)	(82.1)	(90
Other financing activities		0.0	0.0	(1.9)	0.0	0.0	(10.3)	(10.9)	(10.9)	(10
Net cash flow		(4.8)	(0.9)	5.5	10.7	0.5	23.2	32.9	28.6	2
Opening cash and cash equivalents		17.6	12.6	11.8	17.9	28.5	29.4	52.9	85.2	11
Currency translation differences and other		(0.2)	0.1	0.6	(0.1)	0.3	0.3	(0.6)	0.0	
Closing cash and cash equivalents		12.6	11.8	17.9	28.5	29.4	52.9	85.2	113.8	14
Closing net cash (including leases)		12.6	11.8	17.9	28.5	29.4	20.8	38.2	67.7	9



General disclaimer and copyright

This report has been commissioned by Games Workshop Group and prepared and issued by Edison, in consideration of a fee payable by Games Workshop Group. Edison Investment Research standard fees are £49,500 pa for the production and broad dissemination of a detailed note (Outlook) following by regular (typically quarterly) update notes. Fees are paid upfront in cash without recourse. Edison may seek additional fees for the provision of roadshows and related IR services for the client but does not get remunerated for any investment banking services. We never take payment in stock, options or warrants for any of our services.

Accuracy of content: All information used in the publication of this report has been compiled from publicly available sources that are believed to be reliable, however we do not guarantee the accuracy or completeness of this report and have not sought for this information to be independently verified. Opinions contained in this report represent those of the research department of Edison at the time of publication. Forward-looking information or statements in this report contain information that is based on assumptions, forecasts of future results, estimates of amounts not yet determinable, and therefore involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of their subject matter to be materially different from current expectations.

Exclusion of Liability: To the fullest extent allowed by law, Edison shall not be liable for any direct, indirect or consequential losses, loss of profits, damages, costs or expenses incurred or suffered by you arising out or in connection with the access to, use of or reliance on any information contained on this note.

No personalised advice: The information that we provide should not be construed in any manner whatsoever as, personalised advice. Also, the information provided by us should not be construed by any subscriber or prospective subscriber as Edison's solicitation to effect, or attempt to effect, any transaction in a security. The securities described in the report may not be eligible for sale in all jurisdictions or to certain categories of investors.

Investment in securities mentioned: Edison has a restrictive policy relating to personal dealing and conflicts of interest. Edison Group does not conduct any investment business and, accordingly, does not itself hold any positions in the securities mentioned in this report. However, the respective directors, officers, employees and contractors of Edison may have a position in any or related securities mentioned in this report, subject to Edison's policies on personal dealing and conflicts of interest.

Copyright: Copyright 2021 Edison Investment Research Limited (Edison).

Australia

Edison Investment Research Pty Ltd (Edison AU) is the Australian subsidiary of Edison. Edison AU is a Corporate Authorised Representative (1252501) of Crown Wealth Group Pty Ltd who holds an Australian Financial Services Licence (Number: 494274). This research is issued in Australia by Edison AU and any access to it, is intended only for "wholesale clients" within the meaning of the Corporations Act 2001 of Australia. Any advine year the properties of the Corporations and 2001 of Australia. Any advine year by Edison AU is general advice only and does not take into account your personal circumstances, needs or objectives. You should, before acting on this advice, consider the appropriateness of the advice, having regard to your objectives, financial situation and needs. If our advice relates to the acquisition, or possible acquisition, of a particular financial product you should read any relevant Product Disclosure Statement or like instrument.

New Zealand

The research in this document is intended for New Zealand resident professional financial advisers or brokers (for use in their roles as financial advisers or brokers) and habitual investors who are "wholesale clients" for the purpose of the Financial Advisers Act 2008 (FAA) (as described in sections 5(c) (1)(a), (b) and (c) of the FAA). This is not a solicitation or inducement to buy, sell, subscribe, or underwrite any securities mentioned or in the topic of this document. For the purpose of the FAA, the content of this report is of a general nature, is intended as a source of general information only and is not intended to constitute a recommendation or opinion in relation to acquiring or disposing (including refraining from acquiring or disposing) of securities. The distribution of this document is not a "personalised service" and, to the extent that it contains any financial advice, is intended only as a "class service" provided by Edison within the meaning of the FAA (i.e. without taking into account the particular financial situation or goals of any person). As such, it should not be relied upon in making an investment decision.

United Kingdom

This document is prepared and provided by Edison for information purposes only and should not be construed as an offer or solicitation for investment in any securities mentioned or in the topic of this document. A marketing communication under FCA Rules, this document has not been prepared in accordance with the legal requirements designed to promote the independence of investment research and is not subject to any prohibition on dealing ahead of the dissemination of investment research.

This Communication is being distributed in the United Kingdom and is directed only at (i) persons having professional experience in matters relating to investments, i.e. investment professionals within the meaning of Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005, as amended (the "FPO") (ii) high net-worth companies, unincorporated associations or other bodies within the meaning of Article 49 of the FPO and (iii) persons to whom it is otherwise lawful to distribute it. The investment or investment activity to which this document relates is available only to such persons. It is not intended that this document be distributed or passed on, directly or indirectly, to any other class of persons and in any event and under no circumstances should persons of any other description rely on or act upon the contents of this document.

This Communication is being supplied to you solely for your information and may not be reproduced by, further distributed to or published in whole or in part by, any other person.

United States

Edison relies upon the "publishers' exclusion" from the definition of investment adviser under Section 202(a)(11) of the Investment Advisers Act of 1940 and corresponding state securities laws. This report is a bona fide publication of general and regular circulation offering impersonal investment-related advice, not tailored to a specific investment portfolio or the needs of current and/or prospective subscribers. As such, Edison does not offer or provide personal advice and the research provided is for informational purposes only. No mention of a particular security in this report constitutes a recommendation to buy, sell or hold that or any security, or that any particular security, portfolio of securities, transaction or investment strategy is suitable for any specific person.